

**RESULTS
OF
CALENDAR YEAR 2001
MONITORING WELL INSPECTION
AND MAINTENANCE PROGRAM
Y-12 NATIONAL SECURITY COMPLEX,
OAK RIDGE, TENNESSEE**

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for the

**Environmental Compliance Organization
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managed by

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List of Acronyms

| | | |
|-----------|---|--|
| BWXT Y-12 | - | BWXT Y-12, L.L.C. |
| CY | - | Calendar year |
| LMES | - | Lockheed Martin Energy Systems |
| RCRA | - | Resource Conservation and Recovery Act |
| DOE | - | Department of Energy |
| GWPP | - | Groundwater Protection Program |
| Y-12 | - | Y-12 National Security Complex |
| TOC | - | Top of well casing |
| TOWW | - | Top of Well Wizard cap (dedicate sampling pump installed in wells) |
| WMR | - | Well Maintenance Request Form |

1.0 INTRODUCTION

This document is a compendium of results of the calendar year (CY) 2001 Monitoring Well Inspection and Maintenance Program at the U.S. Department of Energy (DOE) Y-12 National Security Complex (Y-12). This report documents the CY 2001 well inspection events and their subsequent well maintenance requests. Well inspections are performed in order to assess the condition of the monitoring well and any subsequent maintenance needs. Inspections help to ensure that the collection of groundwater samples, and/or hydrologic measurements, are representative of the subsurface and not an artifact of changing downhole conditions. Inspections and maintenance contribute to the effective longevity of each well. Currently, the Y-12 Groundwater Protection Program (GWPP) inspects wells on a annual or triennial basis depending on the status of the well as follows:

- (1) The well is under the GWPP annual water quality sampling program (active wells);
- (2) Wells where hydrological monitoring (e.g., semi-annual water level measurements, long term water level monitoring, slug test, pumping test, dye tracer test, etc.) is in progress (active or inactive wells); or
- (3) Wells that are not in service (inactive wells), but are not currently scheduled for plugging and abandonment.

In accordance with the *Monitoring Well Inspection and Maintenance Plan for the Department of Energy Y-12 Plant, Oak Ridge, Tennessee* [Lockheed Martin Energy Systems, Inc (LMES), 1996] active wells are inspected on an annual basis, while both active and inactive wells are inspected on a triennial basis. This report formally represents the annual well inspections conducted on active wells at Y-12 from January 2001 to January 2002. This report also includes all maintenance activities performed during CY 2001.

1.1 GUIDELINES AND PURPOSE

Groundwater monitoring, well inspection, and well maintenance are the principal elements of the *Groundwater Protection Program Management Plan for the U.S. Department of Energy Y-12 National Security Complex, Oak Ridge, Tennessee* [AJA Technical Services, Inc. (AJA), 2001]. The GWPP is administered under BWXT Y-12, L.L.C. (BWXT Y-12) to comply with DOE Order 5400.1, *General Environmental Protection Program*. Objectives, technical approach, and responsible parties of the inspection and maintenance program are outlined in the *Monitoring Well Inspection and Maintenance Plan* (LMES, 1996). The previous year triennial inspections and maintenance requests can be referenced in *Results of Calendar Year 2000 Monitor Well Inspection and Maintenance Program, Y-12 National Security Complex, Oak Ridge, Tennessee* (BWXT, 2002). Included in the CY 2001 annual inspection are Resource Conservation and Recovery Act (RCRA) post-closure permits wells and non-RCRA permit wells inspected under the Y-12 Water Quality Program administered by Bechtel Jacobs Company LLC. Inspections on RCRA wells are performed on an annual basis as part of the facility's post-closure care, maintenance, and monitoring programs. Thus, any well listed in a RCRA permit is inspected annually and are considered to be active.

The CY 2001 inspection of active wells, along with well maintenance performed for during CY 2001, involved a total of 607 wells. A summary of all well inspection and maintenance activities performed in CY 2001 are found in Appendix A, which includes well inspection number, date of inspection, well status, well maintenance request number, plugging and abandonment request numbers, and when the next inspection is to occur.

The Monitoring Well Inspection and Maintenance Program, outlined in the GWPP Management Plan (AJA, 2001), was implemented in July 1991 and specifies that all active wells will be inspected on a yearly basis. The remaining, or inactive wells, are to be inspected every three years unless they are incorporated into the active well network. Inspections for inactive wells conducted prior to 2000 are referenced in LMES, 1998. Active wells are inspected for Primary and Secondary Inspection Items listed on the well inspection checklist (see Appendix B) and in accordance with the *Monitor Well Inspection and Maintenance Plan* (LMES, 1996). Inactive wells are also inspected for the same items, but require a minimum of a cap and locking mechanism and identification markings. When an inactive well is incorporated into the active well network, the required upgraded maintenance can be performed at that time. Inactive wells at Y-12 are generally older generation wells, utilized in earlier studies or projects, and are no longer being monitored. Securing and maintaining inactive wells is a useful and cost effective way to retain their integrity for any potential monitoring in the future, in lieu of installation of new wells. Inactive wells that are damaged and cannot be rehabilitated are scheduled for plugging and abandonment. Typical findings for wells needing plugging and abandonment include substandard well construction and damage to well casings, screens, and open monitoring intervals.

1.2 METHOD

Well inspection and depth measurements were performed in accordance with procedure Y71-66-EC-214: *Monitoring Well Inspection and Depth Measurement* (BWXT Y-12, 2001). The description and detail of each inspection item is contained in LMES, 1996. A synopsis of the inspection method is presented below.

Well inspections consist of visiting each well location and completing the noted inspection items on the Well Inspection Checklists (see Appendix B) for each of the well's components, as well as noting the condition of the well and its accessibility. Well depth measurements are taken from each well to assess the downhole condition and to calculate the amount of sedimentation of the screened or open interval that has occurred, if any. The GWPP manager or designee reviews the well inspection checklists and ensures that each well meets the established criteria, and is satisfactory for use. If a well does not meet these criteria, the problems are identified and a well maintenance request (WMR) is issued for the necessary work. The type of maintenance required, along with a written description of the requested maintenance work, is recorded on WMR form with a unique identifier (Appendix C). Maintenance items are classed as either primary or secondary. Primary inspection items are those that may affect the quality of groundwater samples and other hydrologic information. They include the condition of the well casing, well security, well identification, and condition of the screened or open interval. Secondary items are those that generally do not affect the integrity of representative groundwater samples and include well access, concrete pad, and protective posts.

Unless deferred, maintenance is performed as requested along with a follow-up inspection to ensure the work is acceptable. The GWPP manager or an authorized designee keeps on file records of all inspections and maintenance performed on wells at Y-12. A brief description of each inspection item (well component) is as follows:

- (1) **Well Casing(s):** Wells at Y-12 are constructed with steel, stainless steel, or PVC casing and are inspected for signs of physical deterioration that may affect the structural integrity of the well (such as cracks, corrosion, breaks, or bends). The exposed portion of the annular grout seal is also inspected for signs of deterioration, such as a loose well casing. Some wells located in high traffic areas may be accessed via flush-mount manholes. Wells with this type

of completion are inspected for proper installation of the manhole; checking the condition of manhole cover and seal, and determining the condition of the well casing and exposed portion of the annular grout seal in the manhole itself.

- (2) **Surface Seal (Concrete Pad):** A surface seal of neat cement or concrete surrounds the well casing to prevent surface runoff from entering and infiltrating down the annulus of the well. The surface seal is inspected for cracks and deterioration.
- (3) **Protective Posts:** To protect the well from collision damage, guard posts are installed around a well. Posts are inspected for proper height (minimum of 3 ft), the presence and condition of the high traffic yellow paint, and the proper positioning of the post between well and possible traffic or mowing equipment.
- (4) **Hasp, Cap, and Lock:** All wells at Y-12 are equipped with caps and locks to prevent unauthorized entry. Steel, slip-on caps are used for both stainless steel and carbon steel casings, and PVC screw-down or watertight caps for PVC casings. All flush mounted wells should have a watertight cap, regardless of casing type. The watertight cap must be attached to the well casing itself, the traffic cover can not act as such. Locks are inspected for corrosion or malfunction and are replaced if damaged or otherwise unusable.
- (5) **Well Identification:** Wells are inspected to ensure that stainless steel identification tags are attached to the well casing and that any additional required identifying markings are present. The stainless steel tag is required for active wells.
- (6) **Well Access:** All active monitoring wells must be accessible by road and each access road is inspected for wash-outs (excessive erosion), fallen trees, construction fencing, bargates, or construction site activities that may result in the isolation of a well.
- (7) **Sediment Accumulation Requiring Downhole Maintenance:** Many wells accumulate sediment at the bottom, which may plug the screened or open interval, if the well is not properly developed. This can affect the performance of the well and possibly the quality of chemical analyses. The height of the sediment accumulation is calculated by subtracting the well depth measurement from the constructed well depth¹ [from top of casing (TOC)] and dividing by the length of the screened or open interval. If the result is 0.2 or greater the interval is considered to be $\geq 20\%$ filled, and a well maintenance request is submitted requesting the well be rehabilitated and the interval cleared. Any depth discrepancies¹ are noted in the comments section of the well inspection checklist

¹There are errors in the original well construction information, which are reflected in discrepancies observed between the measured well depth and the constructed depth. Discrepancies have been observed in several older generation wells where the measured depth is several feet deeper than the constructed depth, or several feet shallower, with no sediment accumulation or obstruction present. It is also suspected that survey data for the ground surface elevation of a well may have inadvertently been used as the TOC elevation, causing the recorded constructed well depth to differ by approximately the height of the casing stick-up from ground surface. If the well has been rehabilitated and the total constructed depth of a well cannot be recovered, the appropriate comments regarding the depth discrepancy are then included in the subsurface data base with the original well construction data. If original well construction information can not be rectified, an agreed upon well depth from past measurements (referred to as reference tag depth) is used as the constructed depth value. These reference tag depth values will be used in subsequent inspections (see Appendix D).

2.0 EXPLANATION OF APPENDICES

Appendix A: Well Inspection/Maintenance Summary

This appendix is a summary of all wells inspected between January 2001 and January 2002 at Y-12. Wells are listed by their well number, their corresponding well inspection number, location, inspection date, maintenance request number (if the well needed maintenance or upgrading), plugging and abandonment request number (if the well is damaged beyond repair), status of the well (active) and date of next inspection.

Appendix B: Active Well Inspections

Appendix B contains a completed well inspection checklist documenting individual inspections of wells classified as active (currently being monitored). Inspections for each well include primary and secondary inspection items.

Appendix C: Completed Well Maintenance Requests (WMR)

Appendix C documents the completed WMR forms from CY 2000 and CY 2001 inspections. The actual maintenance work performed on each individual well is documented on these requests and contains the approval of the GWPP manager or designee as completed. Routine maintenance requests (e.g., weedeating) which were completed are also included. Maintenance requests generated from the CY 2000 inspections were numerous and were not initiated or completed until sometime in CY 2001.

Appendix D: Reference Tag Depths

Appendix D lists the reference tag depths (an agreed upon well depth based on past depth measurements) or the calculated constructed depths for all the wells inspected in CY 2001. These reference tag depths were not compiled officially until CY 2002, so the calculated constructed depth was used for all CY 2001 inspections. Reference tag depths are well depth measurements that have been consistent over several inspection events. Most of the reference tag depths are consistent with the calculated constructed depth, but where there are noted discrepancies, in the future the reference tag depth will be used in place of the constructed depth.

3.0 REFERENCES

- AJA Technical Services, 2001. *Groundwater Protection Program Management Plan for the US Department of Energy, Y-12 National Security Complex, Oak Ridge, Tennessee*, prepared for BWXT Y-12 L.L.C. (Y/SUB/01-006512/2).
- BWXT Y-12, L.L.C., 2001. *Monitoring Well Inspection and Depth Measurement*, BWXT Y-12 Management Control Procedure, prepared by the Environment, Health, and Safety Organization (Y71-66-EC-214).
- BWXT Y-12, L.L.C., 2002. *Results of Calendar Year 2000 Monitoring Well Inspection and Maintenance Program, Y-12 National Security Complex, Oak Ridge, Tennessee* (Y/TS-1872), prepared by Beth Schultz.
- Lockheed Martin Energy Systems, Inc., 1996. *Monitoring Well Inspection and Maintenance Plan, Oak Ridge, Y-12 Plant*, (Y/TS-1215), prepared by the Environment, Health, and Safety Organization.
- Lockheed Martin Energy Systems, Inc., 1998. *Results of Calendar Year 1997 Well Inspection and Maintenance Program, Y-12 Plant, Oak Ridge, Tennessee* (Y/TS-1734), prepared by B.W. McMaster.

APPENDIX A

WELL INSPECTION/MAINTENANCE SUMMARY

WELL INSPECTION AND MAINTENANCE SUMMARY

EXPLANATION OF TERMS

Well Inspection Number

- 01-001 - Unique number assigned to each well inspection: two digit number designating the inspection year (calendar) followed by a three digit number.¹

Well Status

- A - Active Well, to be re-inspected each calendar year
- I - Inactive Well, to be re-inspected once every three calendar years

Maintenance Request Number

- 01-001 - Unique number assigned to each Well Maintenance Request (WMR): two digit number designating the inspection year (**calendar**) followed by a three digit number.¹
- 01-001P Primary maintenance required, first WMR of CY 2001
- 01-002S - Secondary maintenance required, second WMR of CY 2001
- 01-003PS - Primary and secondary maintenance required, third WMR of CY 2001

Plugging and Abandonment Request Number

- 01-001P/A - First well requested to be plugged and abandoned in 2001

¹ For wells inspected under the Bechtel Jacobs LLC, Y-12 Water Quality Program (YWQP) a unique number is assigned to each well inspection, similar to the above examples. Well maintenance requests are issued and the work is performed under the YWQP program. They assign a unique maintenance request number as such:

01-BJC-0001 - two digit number designating the inspection year (**fiscal**), followed by “BJC”, indicating the program, followed by a four digit number.

Since all YWQP wells are considered active wells, there is no distinction between primary and secondary maintenance items.

GROUNDWATER INFORMATION MANAGEMENT SYSTEM

Well Inspection/Maintenance Summary

| Well Number | Event Type | Location | Well Status | P&A Request Number | Well Inspection Number | Event Date | Maintenance Request Number(s) | Next Inspection |
|-------------|-------------|---------------------------------|-------------|--------------------|------------------------|------------|-------------------------------|-----------------|
| 1090 | Inspection | United Nuclear Corporation Site | A | N/A | 01-155 | 09/25/2001 | N/A | 2002 |
| 1090 | Maintenance | United Nuclear Corporation Site | A | N/A | N/A | 08/01/2001 | 01-003P | |
| 53-1A | Maintenance | Y-12 Plant Site | I | N/A | N/A | 03/29/2002 | 01-011P | |
| 53-1A | Maintenance | Y-12 Plant Site | I | N/A | N/A | 03/20/2002 | 01-005S | |
| 55-2C | Maintenance | Y-12 Grid Well B3 | I | N/A | N/A | 08/01/2001 | 01-003P | |
| 56-1A | Maintenance | Y-12 Plant Site | I | N/A | N/A | 03/29/2002 | 01-011P | |
| 56-1C | Maintenance | Y-12 Plant Site | I | N/A | N/A | 03/20/2002 | 01-005S | |
| 56-2C | Maintenance | Y-12 Grid Well C3 | I | N/A | N/A | 08/01/2001 | 01-003P | |
| 56-4A | Maintenance | Y-12 Plant Site | I | N/A | N/A | 03/20/2002 | 01-005S | |
| 59-1A | Maintenance | Building 9202 | I | N/A | N/A | 03/20/2002 | 01-005S | |
| 59-1A | Maintenance | Building 9202 | I | N/A | N/A | 03/29/2002 | 01-011P | |
| 59-1B | Maintenance | Building 9202 | I | N/A | N/A | 03/29/2002 | 01-011P | |
| 59-1C | Maintenance | Building 9202 | I | N/A | N/A | 03/29/2002 | 01-011P | |
| 60-1A | Maintenance | Y-12 Plant Site | I | N/A | N/A | 03/29/2002 | 01-011P | |
| 60-1B | Maintenance | Y-12 Plant Site | I | N/A | N/A | 03/20/2002 | 01-005S | |
| 60-1B | Maintenance | Y-12 Plant Site | I | N/A | N/A | 03/29/2002 | 01-011P | |
| 60-2A | Maintenance | Y-12 Plant Site | I | N/A | N/A | 03/29/2002 | 01-011P | |
| 60-2A | Maintenance | Y-12 Plant Site | I | N/A | N/A | 03/20/2002 | 01-005S | |
| BC-21 | Maintenance | Exxon Nuclear Site | I | N/A | N/A | 03/20/2002 | 01-005S | |
| CH-143 | Maintenance | Kerr Hollow Quarry | I | N/A | N/A | 03/20/2002 | 01-005S | |

Well Inspection/Maintenance Summary

| Well Number | Event Type | Location | Well Status | P&A | | Well Inspection Number | Event Date | Maintenance Request | | Next Inspection |
|-------------|-------------|--|-------------|----------------|-----------|------------------------|------------|---------------------|-----------|-----------------|
| | | | | Request Number | Number(s) | | | Request Number(s) | Number(s) | |
| CH-157 | Maintenance | Chestnut Ridge Sediment Disposal Basin | I | N/A | | N/A | 03/20/2002 | 01-005S | | |
| CH-189 | Maintenance | Rogers Quarry | I | N/A | | N/A | 03/20/2002 | 01-005S | | |
| DC WELL | Maintenance | Bear Creek Burial Grounds WMA | I | N/A | | N/A | 03/20/2002 | 01-005S | | |
| DC WELL | Maintenance | Bear Creek Burial Grounds WMA | I | N/A | | N/A | 05/24/2002 | 01-016S | | |
| GW-005 | Maintenance | Oil Landfarm WMA | I | N/A | | N/A | 03/15/2001 | 01-001P | | |
| GW-008 | Inspection | Oil Landfarm WMA | A | N/A | | 01-065 | 09/18/2001 | N/A | | 2002 |
| GW-008 | Maintenance | Oil Landfarm WMA | A | N/A | | N/A | 03/15/2001 | 01-001P | | |
| GW-010 | Inspection | Oil Landfarm WMA | A | N/A | | 01-066 | 09/18/2001 | N/A | | 2002 |
| GW-010 | Maintenance | Oil Landfarm WMA | A | N/A | | N/A | 03/15/2001 | 01-001P | | |
| GW-011 | Maintenance | Oil Landfarm WMA | I | N/A | | N/A | 03/20/2002 | 01-005S | | |
| GW-012 | Maintenance | Oil Landfarm WMA | A | N/A | | N/A | 03/15/2001 | 01-001P | | |
| GW-012 | Inspection | Oil Landfarm WMA | A | N/A | | 01-067 | 09/18/2001 | N/A | | 2002 |
| GW-014 | Maintenance | Bear Creek Burial Grounds WMA | A | N/A | | N/A | 03/15/2001 | 01-001P | | |
| GW-014 | Inspection | Bear Creek Burial Grounds WMA | A | N/A | | 01-068 | 09/17/2001 | N/A | | 2002 |
| GW-015 | Maintenance | Bear Creek Burial Grounds WMA | I | N/A | | N/A | 02/22/2002 | 01-006S | | |
| GW-016 | Maintenance | Bear Creek Burial Grounds WMA | I | N/A | | N/A | 02/22/2002 | 01-006S | | |
| GW-017 | Maintenance | Bear Creek Burial Grounds WMA | I | N/A | | N/A | 02/22/2002 | 01-006S | | |
| GW-046 | Maintenance | Bear Creek Burial Grounds WMA | A | N/A | | N/A | 03/15/2001 | 01-001P | | |
| GW-046 | Inspection | Bear Creek Burial Grounds WMA | A | N/A | | 01-069 | 09/17/2001 | N/A | | 2002 |
| GW-053 | Maintenance | Bear Creek Burial Grounds WMA | A | N/A | | N/A | 09/25/2001 | 01-009S | | |
| GW-053 | Maintenance | Bear Creek Burial Grounds WMA | A | N/A | | N/A | 08/01/2001 | 01-003P | | |
| GW-053 | Inspection | Bear Creek Burial Grounds WMA | A | N/A | | 01-018 | 02/12/2001 | N/A | | 2002 |

Well Inspection/Maintenance Summary

| Well Number | Event Type | Location | Well Status | P&A Request Number | Well Inspection Number | Event Date | Maintenance Request Number(s) | Next Inspection |
|-------------|-------------|-------------------------------|-------------|--------------------|------------------------|------------|-------------------------------|-----------------|
| GW-053 | Maintenance | Bear Creek Burial Grounds WMA | A | N/A | N/A | 07/25/2001 | 01-002S | |
| GW-056 | Inspection | Exit Pathway - Traverse A | A | N/A | 01-037 | 04/04/2001 | N/A | 2002 |
| GW-056 | Maintenance | Exit Pathway - Traverse A | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-059 | Maintenance | Bear Creek Burial Grounds WMA | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-066 | Maintenance | Oil Landfarm WMA | I | N/A | N/A | 03/21/2002 | 01-014S | |
| GW-069 | Maintenance | Bear Creek Burial Grounds WMA | A | N/A | N/A | 03/15/2001 | 01-001P | |
| GW-069 | Inspection | Bear Creek Burial Grounds WMA | A | N/A | 01-070 | 09/17/2001 | N/A | 2002 |
| GW-071 | Inspection | Bear Creek Burial Grounds WMA | A | N/A | 01-071 | 09/17/2001 | N/A | 2002 |
| GW-071 | Maintenance | Bear Creek Burial Grounds WMA | A | N/A | N/A | 03/15/2001 | 01-001P | |
| GW-074 | Maintenance | Oil Landfarm WMA | I | N/A | N/A | 02/22/2002 | 01-006S | |
| GW-075 | Maintenance | Oil Landfarm WMA | A | N/A | N/A | 03/15/2001 | 01-001P | |
| GW-075 | Inspection | Oil Landfarm WMA | A | N/A | 01-072 | 09/18/2001 | N/A | 2002 |
| GW-077 | Maintenance | Bear Creek Burial Grounds WMA | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-078 | Inspection | Bear Creek Burial Grounds WMA | A | N/A | 01-124 | 09/17/2002 | N/A | 2002 |
| GW-078 | Maintenance | Bear Creek Burial Grounds WMA | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-079 | Maintenance | Bear Creek Burial Grounds WMA | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-079 | Maintenance | Bear Creek Burial Grounds WMA | A | N/A | N/A | 09/11/2001 | 01-015S | |
| GW-079 | Inspection | Bear Creek Burial Grounds WMA | A | N/A | 01-125 | 09/17/2001 | N/A | 2002 |
| GW-080 | Maintenance | Bear Creek Burial Grounds WMA | A | N/A | N/A | 09/11/2001 | 01-015S | |
| GW-080 | Inspection | Bear Creek Burial Grounds WMA | A | N/A | 01-126 | 09/17/2001 | N/A | 2002 |
| GW-080 | Maintenance | Bear Creek Burial Grounds WMA | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-082 | Maintenance | Bear Creek Burial Grounds WMA | A | N/A | N/A | 03/15/2001 | 01-001P | |

Well Inspection/Maintenance Summary

| Well Number | Event Type | Location | Well Status | P&A Request Number | Well Inspection Number | Event Date | Maintenance Request Number(s) | Next Inspection |
|-----------------------------|-------------|---|-------------|--------------------|------------------------|------------|-------------------------------|-----------------|
| GW-082 | Inspection | Bear Creek Burial Grounds WMA | A | N/A | 01-020 | 02/13/2001 | N/A | 2002 |
| GW-082 | Maintenance | Bear Creek Burial Grounds WMA | A | N/A | N/A | 09/11/2001 | 01-015S | |
| GW-082 | Inspection | Bear Creek Burial Grounds WMA | A | N/A | 01-073 | 09/17/2001 | N/A | 2002 |
| GW-082 | Maintenance | Bear Creek Burial Grounds WMA | A | N/A | N/A | 07/25/2001 | 01-002S | |
| GW-085 | Maintenance | Oil Landfarm WMA | A | N/A | N/A | 07/25/2001 | 01-002S | |
| GW-085 | Inspection | Oil Landfarm WMA | A | N/A | 01-014 | 02/05/2001 | N/A | 2002 |
| GW-085 | Maintenance | Oil Landfarm WMA | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-087 GW-077 | Inspection | Oil Landfarm WMA Bear Creek BS | A | N/A | 01-123 | 09/17/2001 | 01-BJC-0015 | 2002 |
| GW-091 | Maintenance | Bear Creek Burial Grounds WMA | I | N/A | N/A | 04/15/2002 | 01-012P | |
| GW-091 | Maintenance | Bear Creek Burial Grounds WMA | I | N/A | N/A | 05/24/2002 | 01-016S | |
| GW-098 | Inspection | Oil Landfarm WMA | A | N/A | 01-022 | 03/13/2001 | N/A | 2002 |
| GW-098 | Maintenance | Oil Landfarm WMA | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-098 | Maintenance | Oil Landfarm WMA | A | N/A | N/A | 07/25/2001 | 01-002S | |
| GW-101 | Maintenance | S-3 Site | A | N/A | N/A | 03/15/2001 | 01-001P | |
| GW-101 | Inspection | S-3 Site | A | N/A | 01-074 | 09/19/2001 | N/A | 2002 |
| GW-108 | Inspection | S-3 Site | A | N/A | 01-075 | 09/19/2001 | N/A | 2002 |
| GW-108 | Maintenance | S-3 Site | A | N/A | N/A | 03/15/2001 | 01-001P | |
| GW-109 | Maintenance | S-3 Site | A | N/A | N/A | 03/15/2001 | 01-001P | |
| GW-109 | Inspection | S-3 Site | A | N/A | 01-076 | 09/19/2001 | N/A | 2002 |
| GW-115 | Maintenance | S-3 Site | A | N/A | N/A | 03/15/2001 | 01-001P | |
| GW-115 | Inspection | S-3 Site | A | N/A | 01-077 | 09/19/2001 | N/A | 2002 |
| GW-118 | Maintenance | Bear Creek Burial Grounds WMA | I | N/A | N/A | 03/20/2002 | 01-005S | |

Well Inspection/Maintenance Summary

| Well Number | Event Type | Location | Well Status | P&A Request Number | Well Inspection Number | Event Date | Maintenance Request Number(s) | Next Inspection |
|-------------|-------------|-------------------------------|-------------|--------------------|------------------------|------------|-------------------------------|-----------------|
| GW-119 | Maintenance | Bear Creek Burial Grounds WMA | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-124 | Maintenance | S-3 Site | A | N/A | N/A | 07/25/2001 | 01-002S | |
| GW-124 | Maintenance | S-3 Site | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-124 | Inspection | S-3 Site | A | N/A | 01-025 | 03/19/2001 | N/A | 2002 |
| GW-127 | Maintenance | S-3 Site | A | N/A | N/A | 03/15/2001 | 01-001P | |
| GW-127 | Inspection | S-3 Site | A | N/A | 01-078 | 09/19/2001 | N/A | 2002 |
| GW-132 | Maintenance | S-3 Site | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-141 | Maintenance | Industrial Landfill IV | I | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-142 | Maintenance | Kerr Hollow Quarry | A | N/A | N/A | 03/15/2001 | 01-001P | |
| GW-142 | Inspection | Kerr Hollow Quarry | A | N/A | 01-079 | 09/19/2001 | N/A | 2002 |
| GW-143 | Inspection | Kerr Hollow Quarry | A | N/A | 01-080 | 09/19/2001 | N/A | 2002 |
| GW-143 | Maintenance | Kerr Hollow Quarry | A | N/A | N/A | 03/15/2001 | 01-001P | |
| GW-144 | Inspection | Kerr Hollow Quarry | A | N/A | 01-081 | 09/19/2001 | N/A | 2002 |
| GW-144 | Maintenance | Kerr Hollow Quarry | A | N/A | N/A | 03/15/2001 | 01-001P | |
| GW-145 | Inspection | Kerr Hollow Quarry | A | N/A | 01-082 | 09/19/2001 | N/A | 2002 |
| GW-145 | Maintenance | Kerr Hollow Quarry | A | N/A | N/A | 03/15/2001 | 01-001P | |
| GW-148 | Maintenance | New Hope Pond | I | N/A | N/A | 02/22/2002 | 01-006S | |
| GW-148 | Maintenance | New Hope Pond | I | N/A | N/A | 03/21/2002 | 01-014S | |
| GW-149 | Maintenance | New Hope Pond | I | N/A | N/A | 03/21/2002 | 01-014S | |
| GW-149 | Maintenance | New Hope Pond | I | N/A | N/A | 02/22/2002 | 01-006S | |
| GW-151 | Inspection | New Hope Pond | A | N/A | 01-127 | 09/19/2001 | N/A | 2002 |
| GW-151 | Maintenance | New Hope Pond | A | N/A | N/A | 08/01/2001 | 01-003P | |

Well Inspection/Maintenance Summary

| Well Number | Event Type | Location | Well Status | P&A | | Well Inspection Number | Event Date | Maintenance Request | | Next Inspection |
|-------------|-------------|--|-------------|----------------|--------|------------------------|------------|---------------------|---------|-----------------|
| | | | | Request Number | Number | | | Number(s) | Request | |
| GW-152 | Maintenance | New Hope Pond | I | N/A | N/A | N/A | 02/22/2002 | 01-006S | | |
| GW-153 | Inspection | New Hope Pond | A | N/A | 01-047 | | 04/26/2001 | N/A | | 2002 |
| GW-153 | Maintenance | New Hope Pond | A | N/A | N/A | | 08/01/2001 | 01-003P | | |
| GW-154 | Inspection | New Hope Pond | A | N/A | 01-128 | | 09/26/2001 | N/A | | 2002 |
| GW-154 | Maintenance | New Hope Pond | A | N/A | N/A | | 08/01/2001 | 01-003P | | |
| GW-156 | Inspection | Chestnut Ridge Sediment Disposal Basin | A | N/A | 01-083 | | 09/20/2001 | N/A | | 2002 |
| GW-156 | Maintenance | Chestnut Ridge Sediment Disposal Basin | A | N/A | N/A | | 03/15/2001 | 01-001P | | |
| GW-159 | Inspection | Chestnut Ridge Sediment Disposal Basin | A | N/A | 01-084 | | 09/20/2001 | N/A | | 2002 |
| GW-159 | Maintenance | Chestnut Ridge Sediment Disposal Basin | A | N/A | N/A | | 03/15/2001 | 01-001P | | |
| GW-169 | Maintenance | Union Valley - Exit Pathway | A | N/A | N/A | | 08/01/2001 | 01-003P | | |
| GW-169 | Inspection | Union Valley - Exit Pathway | A | N/A | 01-129 | | 09/20/2001 | N/A | | 2002 |
| GW-170 | Inspection | Union Valley - Exit Pathway | A | N/A | 01-130 | | 09/20/2001 | N/A | | 2002 |
| GW-170 | Maintenance | Union Valley - Exit Pathway | A | N/A | N/A | | 08/01/2001 | 01-003P | | |
| GW-171 | Inspection | Union Valley - Exit Pathway | A | N/A | 01-131 | | 09/20/2001 | N/A | | 2002 |
| GW-171 | Maintenance | Union Valley - Exit Pathway | A | N/A | N/A | | 08/01/2001 | 01-003P | | |
| GW-172 | Inspection | Union Valley - Exit Pathway | A | N/A | 01-132 | | 09/20/2001 | N/A | | 2002 |
| GW-172 | Maintenance | Union Valley - Exit Pathway | A | N/A | N/A | | 08/01/2001 | 01-003P | | |
| GW-174 | Inspection | Chestnut Ridge Security Pits | A | N/A | 01-027 | | 03/20/2001 | N/A | | 2002 |
| GW-174 | Maintenance | Chestnut Ridge Security Pits | A | N/A | N/A | | 08/01/2001 | 01-003P | | |
| GW-174 | Maintenance | Chestnut Ridge Security Pits | A | N/A | N/A | | 07/25/2001 | 01-002S | | |
| GW-175 | Maintenance | Chestnut Ridge Security Pits | A | N/A | N/A | | 03/15/2001 | 01-001P | | |
| GW-175 | Inspection | Chestnut Ridge Security Pits | A | N/A | 01-085 | | 09/25/2001 | N/A | | 2002 |

Well Inspection/Maintenance Summary

| Well Number | Event Type | Location | Well Status | P&A Request Number | Well Inspection Number | Event Date | Maintenance Request Number(s) | Next Inspection |
|-------------|-------------|---------------------------------|-------------|--------------------|------------------------|------------|-------------------------------|-----------------|
| GW-175 | Inspection | Chestnut Ridge Security Pits | A | N/A | 01-028 | 03/20/2001 | N/A | 2002 |
| GW-175 | Maintenance | Chestnut Ridge Security Pits | A | N/A | N/A | 07/25/2001 | 01-002S | |
| GW-177 | Inspection | Chestnut Ridge Security Pits | A | N/A | 01-032 | 03/26/2001 | N/A | 2002 |
| GW-177 | Inspection | Chestnut Ridge Security Pits | A | N/A | 01-086 | 09/25/2001 | N/A | 2002 |
| GW-177 | Maintenance | Chestnut Ridge Security Pits | A | N/A | N/A | 03/15/2001 | 01-001P | |
| GW-180 | Inspection | Chestnut Ridge Security Pits | A | N/A | 01-029 | 03/21/2001 | 02-002S | 2002 |
| GW-180 | Maintenance | Chestnut Ridge Security Pits | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-180 | Maintenance | Chestnut Ridge Security Pits | A | N/A | N/A | 07/25/2001 | 01-002S | |
| GW-186 | Maintenance | Rogers Quarry | I | N/A | N/A | 02/22/2002 | 01-006S | |
| GW-192 | Maintenance | Beta-4 Security Pits | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-192 | Inspection | Beta-4 Security Pits | A | N/A | 01-064 | 05/21/2002 | N/A | 2002 |
| GW-193 | Maintenance | Y-12 Plant Site | A | N/A | N/A | 03/15/2001 | 01-001P | |
| GW-193 | Inspection | Y-12 Plant Site | A | N/A | 01-087 | 09/25/2001 | N/A | 2002 |
| GW-195 | Maintenance | Beta-4 Security Pits | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-196 | Maintenance | Beta-4 Security Pits | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-197 | Maintenance | Beta-4 Security Pits | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-198 | Maintenance | Ravine Disposal Site | I | N/A | N/A | 02/22/2002 | 01-006S | |
| GW-200 | Maintenance | Ravine Disposal Site | I | N/A | N/A | 02/22/2002 | 01-006S | |
| GW-203 | Maintenance | United Nuclear Corporation Site | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-203 | Inspection | United Nuclear Corporation Site | A | N/A | 01-133 | 09/25/2001 | N/A | 2002 |
| GW-204 | Maintenance | Y-12 Plant Site | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-204 | Inspection | Y-12 Plant Site | A | N/A | 01-061 | 05/23/2001 | N/A | 2002 |

Well Inspection/Maintenance Summary

| Well Number | Event Type | Location | Well Status | P&A Request Number | Well Inspection Number | Event Date | Maintenance Request Number(s) | Next Inspection |
|-------------|-------------|---------------------------------------|-------------|--------------------|------------------------|------------|-------------------------------|-----------------|
| GW-205 | Inspection | United Nuclear Corporation Site | A | N/A | 01-134 | 09/25/2001 | N/A | 2002 |
| GW-205 | Maintenance | United Nuclear Corporation Site | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-208 | Maintenance | Exit Pathway Scarboro Road/Pine Ridge | I | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-217 | Maintenance | Industrial Landfill IV | I | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-218 | Maintenance | Uranium Oxide Vault | I | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-219 | Maintenance | Uranium Oxide Vault | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-219 | Inspection | Uranium Oxide Vault | A | N/A | 01-062 | 05/24/2001 | N/A | 2002 |
| GW-220 | Maintenance | New Hope Pond | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-220 | Inspection | New Hope Pond | A | N/A | 01-049 | 04/30/2001 | N/A | 2002 |
| GW-221 | Maintenance | United Nuclear Corporation Site | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-221 | Inspection | United Nuclear Corporation Site | A | N/A | 01-135 | 09/25/2001 | N/A | 2002 |
| GW-222 | Maintenance | New Hope Pond | I | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-223 | Inspection | New Hope Pond | A | N/A | 01-136 | 09/19/2001 | N/A | 2002 |
| GW-223 | Maintenance | New Hope Pond | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-225 | Inspection | Oil Landfarm WMA | A | N/A | 01-026 | 03/19/2001 | N/A | 2002 |
| GW-225 | Maintenance | Oil Landfarm WMA | A | N/A | N/A | 07/25/2001 | 01-002S | |
| GW-225 | Maintenance | Oil Landfarm WMA | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-226 | Maintenance | Oil Landfarm WMA | A | N/A | N/A | 07/25/2001 | 01-002S | |
| GW-226 | Inspection | Oil Landfarm WMA | A | N/A | 01-015 | 02/06/2001 | N/A | 2002 |
| GW-226 | Maintenance | Oil Landfarm WMA | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-226 | Maintenance | Oil Landfarm WMA | A | N/A | N/A | 08/21/2001 | 01-004S | |
| GW-230 | Maintenance | Union Valley - Exit Pathway | A | N/A | N/A | 08/01/2001 | 01-003P | |

Well Inspection/Maintenance Summary

| Well Number | Event Type | Location | Well Status | P&A Request Number | Well Inspection Number | Event Date | Maintenance Request Number(s) | Next Inspection |
|-------------|-------------|--|-------------|--------------------|------------------------|------------|-------------------------------|-----------------|
| GW-230 | Inspection | Union Valley - Exit Pathway | A | N/A | 01-137 | 09/20/2001 | N/A | 2002 |
| GW-231 | Inspection | Kerr Hollow Quarry | A | N/A | 01-088 | 09/19/2001 | N/A | 2002 |
| GW-231 | Maintenance | Kerr Hollow Quarry | A | N/A | N/A | 03/15/2001 | 01-001P | |
| GW-232 | Maintenance | Union Valley - Exit Pathway | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-232 | Inspection | Union Valley - Exit Pathway | A | N/A | 01-138 | 09/20/2001 | N/A | 2002 |
| GW-237 | Maintenance | Bear Creek Burial Grounds WMA | I | N/A | N/A | 05/24/2002 | 01-016S | |
| GW-240 | Maintenance | New Hope Pond | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-240 | Inspection | New Hope Pond | A | N/A | 01-046 | 04/26/2001 | N/A | 2002 |
| GW-240 | Maintenance | New Hope Pond | A | N/A | N/A | 02/22/2002 | 01-006S | |
| GW-241 | Maintenance | Chestnut Ridge Sediment Disposal Basin | A | N/A | N/A | 07/25/2001 | 01-002S | |
| GW-241 | Maintenance | Chestnut Ridge Sediment Disposal Basin | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-241 | Inspection | Chestnut Ridge Sediment Disposal Basin | A | N/A | 01-031 | 03/22/2001 | N/A | 2002 |
| GW-243 | Maintenance | S-3 Site | A | N/A | N/A | 03/15/2001 | 01-001P | |
| GW-243 | Inspection | S-3 Site | A | N/A | 01-089 | 09/19/2001 | N/A | 2002 |
| GW-244 | Inspection | S-3 Site | A | N/A | 01-090 | 09/19/2001 | 01-BJC-0035 | 2002 |
| GW-244 | Maintenance | S-3 Site | A | N/A | N/A | 03/15/2001 | 01-001P | |
| GW-245 | Maintenance | S-3 Site | A | N/A | N/A | 03/15/2001 | 01-001P | |
| GW-245 | Inspection | S-3 Site | A | N/A | 01-091 | 09/19/2001 | N/A | 2002 |
| GW-246 | Maintenance | S-3 Site | A | N/A | N/A | 03/15/2001 | 01-001P | |
| GW-246 | Inspection | S-3 Site | A | N/A | 01-092 | 09/19/2001 | N/A | 2002 |
| GW-247 | Maintenance | S-3 Site | A | N/A | N/A | 03/15/2001 | 01-001P | |
| GW-247 | Inspection | S-3 Site | A | N/A | 01-093 | 09/19/2001 | N/A | 2002 |

Well Inspection/Maintenance Summary

| Well Number | Event Type | Location | Well Status | P&A Request Number | Well Inspection Number | Event Date | Maintenance Request Number(s) | Next Inspection |
|-------------|-------------|-------------------------------|-------------|--------------------|------------------------|------------|-------------------------------|-----------------|
| GW-251 | Maintenance | S-2 Site | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-251 | Inspection | S-2 Site | A | N/A | 01-043 | 04/24/2001 | N/A | 2002 |
| GW-252 | Maintenance | S-2 Site | A | N/A | N/A | 02/22/2002 | 01-006S | |
| GW-253 | Maintenance | S-2 Site | A | N/A | N/A | 03/15/2001 | 01-001P | |
| GW-253 | Inspection | S-2 Site | A | N/A | 01-094 | 09/25/2001 | N/A | 2002 |
| GW-255 | Maintenance | S-2 Site | I | N/A | N/A | 02/22/2002 | 01-006S | |
| GW-257 | Inspection | Bear Creek Burial Grounds WMA | A | N/A | 01-095 | 09/17/2001 | N/A | 2002 |
| GW-257 | Maintenance | Bear Creek Burial Grounds WMA | A | N/A | N/A | 03/15/2001 | 01-001P | |
| GW-261 | Maintenance | Y-12 Grid Well A1 | I | N/A | N/A | 02/22/2002 | 01-006S | |
| GW-262 | Maintenance | Y-12 Grid Well A1 | I | N/A | N/A | 02/22/2002 | 01-006S | |
| GW-263 | Maintenance | Y-12 Grid Well A2 | I | N/A | N/A | 02/22/2002 | 01-006S | |
| GW-274 | Maintenance | Y-12 Salvage Yard | A | N/A | N/A | 03/15/2001 | 01-001P | |
| GW-274 | Inspection | Y-12 Salvage Yard | A | N/A | 01-096 | 09/26/2001 | N/A | 2002 |
| GW-275 | Inspection | Y-12 Salvage Yard | A | N/A | 01-097 | 09/26/2001 | N/A | 2002 |
| GW-275 | Maintenance | Y-12 Salvage Yard | A | N/A | N/A | 03/15/2001 | 01-001P | |
| GW-276 | Inspection | S-3 Site | A | N/A | 01-098 | 09/19/2001 | N/A | 2002 |
| GW-276 | Maintenance | S-3 Site | A | N/A | N/A | 03/15/2001 | 01-001P | |
| GW-281 | Maintenance | Y-12 Fuel Station | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-283 | Maintenance | Y-12 Fuel Station | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-284 | Maintenance | Y-12 Fuel Station | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-287 | Maintenance | Bear Creek Burial Grounds WMA | I | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-289 | Inspection | Bear Creek Burial Grounds WMA | A | N/A | 01-099 | 09/17/2001 | N/A | 2002 |

Well Inspection/Maintenance Summary

| Well Number | Event Type | Location | Well Status | P&A | | Well Inspection Number | Event Date | Maintenance Request | | Next Inspection |
|-------------|-------------|---------------------------------------|-------------|----------------|--------|------------------------|------------|---------------------|--|-----------------|
| | | | | Request Number | Number | | | Number(s) | | |
| GW-289 | Maintenance | Bear Creek Burial Grounds WMA | A | N/A | N/A | N/A | 03/15/2001 | 01-001P | | |
| GW-291 | Maintenance | Bear Creek Burial Grounds WMA | A | N/A | N/A | N/A | 03/15/2001 | 01-001P | | |
| GW-291 | Inspection | Bear Creek Burial Grounds WMA | A | N/A | N/A | 01-100 | 09/17/2001 | N/A | | 2002 |
| GW-301 | Inspection | Chestnut Ridge Borrow Area Waste Pile | A | N/A | N/A | 01-101 | 09/24/2001 | N/A | | 2002 |
| GW-301 | Maintenance | Chestnut Ridge Borrow Area Waste Pile | A | N/A | N/A | N/A | 03/15/2001 | 01-001P | | |
| GW-302 | Maintenance | United Nuclear Corporation Site | A | N/A | N/A | N/A | 08/01/2001 | 01-003P | | |
| GW-302 | Inspection | United Nuclear Corporation Site | A | N/A | N/A | 01-139 | 09/25/2001 | N/A | | 2002 |
| GW-305 | Maintenance | Industrial Landfill IV | I | N/A | N/A | N/A | 08/01/2001 | 01-003P | | |
| GW-311 | Inspection | Rust Spoil Area | A | N/A | N/A | 01-013 | 02/05/2001 | N/A | | 2002 |
| GW-311 | Maintenance | Rust Spoil Area | A | N/A | N/A | N/A | 07/25/2001 | 01-002S | | |
| GW-311 | Maintenance | Rust Spoil Area | A | N/A | N/A | N/A | 08/01/2001 | 01-003P | | |
| GW-315 | Maintenance | Spoil Area I | A | N/A | N/A | N/A | 08/01/2001 | 01-003P | | |
| GW-315 | Inspection | Spoil Area I | A | N/A | N/A | 01-011 | 01/29/2001 | N/A | | 2002 |
| GW-315 | Maintenance | Spoil Area I | A | N/A | N/A | N/A | 07/25/2001 | 01-002S | | |
| GW-337 | Maintenance | Waste Coolant Processing Facility | I | N/A | N/A | N/A | 08/01/2001 | 01-003P | | |
| GW-339 | Inspection | United Nuclear Corporation Site | A | N/A | N/A | 01-140 | 09/25/2001 | N/A | | 2002 |
| GW-339 | Maintenance | United Nuclear Corporation Site | A | N/A | N/A | N/A | 08/01/2001 | 01-003P | | |
| GW-349 | Maintenance | S-2 Site | I | N/A | N/A | N/A | 03/20/2002 | 01-005S | | |
| GW-350 | Maintenance | S-2 Site | I | N/A | N/A | N/A | 03/20/2002 | 01-005S | | |
| GW-363 | Maintenance | Oil Landfarm WMA | A | N/A | N/A | N/A | 03/15/2001 | 01-001P | | |
| GW-363 | Inspection | Oil Landfarm WMA | A | N/A | N/A | 01-102 | 09/18/2001 | N/A | | 2002 |
| GW-364 | Maintenance | Industrial Landfill I | A | N/A | N/A | N/A | 08/01/2001 | 01-003P | | |

Well Inspection/Maintenance Summary

| Well Number | Event Type | Location | Well Status | P&A Request Number | Well Inspection Number | Event Date | Maintenance Request Number(s) | Next Inspection |
|-------------|-------------|-----------------------|-------------|--------------------|------------------------|------------|-------------------------------|-----------------|
| GW-364 | Maintenance | Industrial Landfill I | A | N/A | N/A | 07/25/2001 | 01-002S | |
| GW-364 | Inspection | Industrial Landfill I | A | N/A | 01-021 | 03/13/2001 | N/A | 2002 |
| GW-365 | Inspection | Industrial Landfill I | A | N/A | 01-034 | 03/27/2001 | N/A | 2002 |
| GW-365 | Maintenance | Industrial Landfill I | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-365 | Maintenance | Industrial Landfill I | A | N/A | N/A | 07/25/2001 | 01-002S | |
| GW-380 | Maintenance | New Hope Pond | I | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-381 | Inspection | New Hope Pond | A | N/A | 01-050 | 05/01/2001 | N/A | 2002 |
| GW-381 | Maintenance | New Hope Pond | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-382 | Maintenance | New Hope Pond | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-382 | Inspection | New Hope Pond | A | N/A | 01-141 | 09/25/2001 | N/A | 2002 |
| GW-383 | Inspection | New Hope Pond | A | N/A | 01-048 | 04/30/2001 | N/A | 2002 |
| GW-383 | Maintenance | New Hope Pond | I | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-404 | Maintenance | Gum Branch Road | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-414 | Maintenance | Gum Branch Road | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-427 | Maintenance | Gum Branch Road | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-428 | Maintenance | Gum Branch Road | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-432 | Maintenance | Gum Branch Road | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-437 | Maintenance | Gum Branch Road | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-438 | Maintenance | Gum Branch Road | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-439 | Maintenance | Gum Branch Road | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-440 | Maintenance | Gum Branch Road | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-455 | Maintenance | Gum Branch Road | I | N/A | N/A | 03/20/2002 | 01-005S | |

Well Inspection/Maintenance Summary

| Well Number | Event Type | Location | Well Status | P&A | | Well Inspection | | Event Date | Maintenance Request | | Next Inspection |
|-------------|-------------|-----------------|-------------|----------------|-------------------|-------------------|----------------------|------------|---------------------|--|-----------------|
| | | | | Request Number | Inspection Number | Request Number(s) | Inspection Number(s) | | | | |
| GW-456 | Maintenance | Gum Branch Road | I | N/A | N/A | | | 03/20/2002 | 01-005S | | |
| GW-457 | Maintenance | Gum Branch Road | I | N/A | N/A | | | 03/20/2002 | 01-005S | | |
| GW-458 | Maintenance | Gum Branch Road | I | N/A | N/A | | | 03/20/2002 | 01-005S | | |
| GW-459 | Maintenance | Gum Branch Road | I | N/A | N/A | | | 03/20/2002 | 01-005S | | |
| GW-460 | Maintenance | Gum Branch Road | I | N/A | N/A | | | 03/20/2002 | 01-005S | | |
| GW-461 | Maintenance | Gum Branch Road | I | N/A | N/A | | | 03/20/2002 | 01-005S | | |
| GW-462 | Maintenance | Gum Branch Road | I | N/A | N/A | | | 03/20/2002 | 01-005S | | |
| GW-463 | Maintenance | Gum Branch Road | I | N/A | N/A | | | 03/20/2002 | 01-005S | | |
| GW-464 | Maintenance | Gum Branch Road | I | N/A | N/A | | | 03/20/2002 | 01-005S | | |
| GW-465 | Maintenance | Gum Branch Road | I | N/A | N/A | | | 03/20/2002 | 01-005S | | |
| GW-466 | Maintenance | Gum Branch Road | I | N/A | N/A | | | 03/20/2002 | 01-005S | | |
| GW-471 | Maintenance | Gum Branch Road | I | N/A | N/A | | | 03/20/2002 | 01-005S | | |
| GW-473 | Maintenance | Gum Branch Road | I | N/A | N/A | | | 03/20/2002 | 01-005S | | |
| GW-474 | Maintenance | Gum Branch Road | I | N/A | N/A | | | 03/20/2002 | 01-005S | | |
| GW-475A | Maintenance | Gum Branch Road | I | N/A | N/A | | | 03/20/2002 | 01-005S | | |
| GW-475B | Maintenance | Gum Branch Road | I | N/A | N/A | | | 03/20/2002 | 01-005S | | |
| GW-475C | Maintenance | Gum Branch Road | I | N/A | N/A | | | 03/20/2002 | 01-005S | | |
| GW-476A | Maintenance | Gum Branch Road | I | N/A | N/A | | | 03/20/2002 | 01-005S | | |
| GW-476B | Maintenance | Gum Branch Road | I | N/A | N/A | | | 03/20/2002 | 01-005S | | |
| GW-476C | Maintenance | Gum Branch Road | I | N/A | N/A | | | 03/20/2002 | 01-005S | | |
| GW-477A | Maintenance | Gum Branch Road | I | N/A | N/A | | | 03/20/2002 | 01-005S | | |
| GW-477B | Maintenance | Gum Branch Road | I | N/A | N/A | | | 03/20/2002 | 01-005S | | |

Well Inspection/Maintenance Summary

| Well Number | Event Type | Location | Well Status | P&A | | Well Inspection | | Event Date | | Maintenance Request | | Next Inspection |
|-------------|-------------|-----------------|-------------|----------------|--------|-----------------|--------|-------------------|------------|---------------------|-----------|-----------------|
| | | | | Request Number | Number | Request Number | Number | Request Number(s) | Number(s) | Request Number(s) | Number(s) | |
| GW-477C | Maintenance | Gum Branch Road | I | N/A | N/A | N/A | N/A | 03/20/2002 | 03/20/2002 | 01-005S | 01-005S | |
| GW-478A | Maintenance | Gum Branch Road | I | N/A | N/A | N/A | N/A | 03/20/2002 | 03/20/2002 | 01-005S | 01-005S | |
| GW-478B | Maintenance | Gum Branch Road | I | N/A | N/A | N/A | N/A | 03/20/2002 | 03/20/2002 | 01-005S | 01-005S | |
| GW-479 | Maintenance | Gum Branch Road | I | N/A | N/A | N/A | N/A | 03/20/2002 | 03/20/2002 | 01-005S | 01-005S | |
| GW-480A | Maintenance | Gum Branch Road | I | N/A | N/A | N/A | N/A | 03/20/2002 | 03/20/2002 | 01-005S | 01-005S | |
| GW-480B | Maintenance | Gum Branch Road | I | N/A | N/A | N/A | N/A | 03/20/2002 | 03/20/2002 | 01-005S | 01-005S | |
| GW-480C | Maintenance | Gum Branch Road | I | N/A | N/A | N/A | N/A | 03/20/2002 | 03/20/2002 | 01-005S | 01-005S | |
| GW-481A | Maintenance | Gum Branch Road | I | N/A | N/A | N/A | N/A | 03/20/2002 | 03/20/2002 | 01-005S | 01-005S | |
| GW-481B | Maintenance | Gum Branch Road | I | N/A | N/A | N/A | N/A | 03/20/2002 | 03/20/2002 | 01-005S | 01-005S | |
| GW-481C | Maintenance | Gum Branch Road | I | N/A | N/A | N/A | N/A | 03/20/2002 | 03/20/2002 | 01-005S | 01-005S | |
| GW-482A | Maintenance | Gum Branch Road | I | N/A | N/A | N/A | N/A | 03/20/2002 | 03/20/2002 | 01-005S | 01-005S | |
| GW-482B | Maintenance | Gum Branch Road | I | N/A | N/A | N/A | N/A | 03/20/2002 | 03/20/2002 | 01-005S | 01-005S | |
| GW-482C | Maintenance | Gum Branch Road | I | N/A | N/A | N/A | N/A | 03/20/2002 | 03/20/2002 | 01-005S | 01-005S | |
| GW-483 | Maintenance | Gum Branch Road | I | N/A | N/A | N/A | N/A | 03/20/2002 | 03/20/2002 | 01-005S | 01-005S | |
| GW-484 | Maintenance | Gum Branch Road | I | N/A | N/A | N/A | N/A | 03/20/2002 | 03/20/2002 | 01-005S | 01-005S | |
| GW-485 | Maintenance | Gum Branch Road | I | N/A | N/A | N/A | N/A | 03/20/2002 | 03/20/2002 | 01-005S | 01-005S | |
| GW-486 | Maintenance | Gum Branch Road | I | N/A | N/A | N/A | N/A | 03/20/2002 | 03/20/2002 | 01-005S | 01-005S | |
| GW-487 | Maintenance | Gum Branch Road | I | N/A | N/A | N/A | N/A | 03/20/2002 | 03/20/2002 | 01-005S | 01-005S | |
| GW-488 | Maintenance | Gum Branch Road | I | N/A | N/A | N/A | N/A | 03/20/2002 | 03/20/2002 | 01-005S | 01-005S | |
| GW-489 | Maintenance | Gum Branch Road | I | N/A | N/A | N/A | N/A | 03/20/2002 | 03/20/2002 | 01-005S | 01-005S | |
| GW-491 | Maintenance | Gum Branch Road | I | N/A | N/A | N/A | N/A | 03/20/2002 | 03/20/2002 | 01-005S | 01-005S | |
| GW-492 | Maintenance | Gum Branch Road | I | N/A | N/A | N/A | N/A | 03/20/2002 | 03/20/2002 | 01-005S | 01-005S | |

Well Inspection/Maintenance Summary

| Well Number | Event Type | Location | Well Status | P&A Request Number | Well Inspection Number | Event Date | Maintenance Request Number(s) | Next Inspection |
|-------------|-------------|-----------------|-------------|--------------------|------------------------|------------|-------------------------------|-----------------|
| GW-493 | Maintenance | Gum Branch Road | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-494 | Maintenance | Gum Branch Road | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-495 | Maintenance | Gum Branch Road | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-496 | Maintenance | Gum Branch Road | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-497 | Maintenance | Gum Branch Road | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-498 | Maintenance | Gum Branch Road | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-499A | Maintenance | Gum Branch Road | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-499A | Maintenance | Gum Branch Road | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-499A | Maintenance | Gum Branch Road | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-499B | Maintenance | Gum Branch Road | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-499D | Maintenance | Gum Branch Road | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-499E | Maintenance | Gum Branch Road | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-499G | Maintenance | Gum Branch Road | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-499H | Maintenance | Gum Branch Road | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-499I | Maintenance | Gum Branch Road | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-499J | Maintenance | Gum Branch Road | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-499K | Maintenance | Gum Branch Road | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-499L | Maintenance | Gum Branch Road | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-499M | Maintenance | Gum Branch Road | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-499N | Maintenance | Gum Branch Road | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-499O | Maintenance | Gum Branch Road | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-499P | Maintenance | Gum Branch Road | I | N/A | N/A | 03/20/2002 | 01-005S | |

Well Inspection/Maintenance Summary

| Well Number | Event Type | Location | Well Status | P&A | | Well Inspection Number | Event Date | Maintenance Request | | Next Inspection |
|-------------|-------------|------------------------|-------------|----------------|--------|------------------------|------------|---------------------|-----------|-----------------|
| | | | | Request Number | Number | | | Number(s) | Number(s) | |
| GW-499Q | Maintenance | Gum Branch Road | I | N/A | N/A | N/A | 03/20/2002 | 01-005S | | |
| GW-499S | Maintenance | Gum Branch Road | I | N/A | N/A | N/A | 03/20/2002 | 01-005S | | |
| GW-499T | Maintenance | Gum Branch Road | I | N/A | N/A | N/A | 03/20/2002 | 01-005S | | |
| GW-499U | Maintenance | Gum Branch Road | I | N/A | N/A | N/A | 03/20/2002 | 01-005S | | |
| GW-499V | Maintenance | Gum Branch Road | I | N/A | N/A | N/A | 03/20/2002 | 01-005S | | |
| GW-499X | Maintenance | Gum Branch Road | I | N/A | N/A | N/A | 03/20/2002 | 01-005S | | |
| GW-499Y | Maintenance | Gum Branch Road | I | N/A | N/A | N/A | 03/20/2002 | 01-005S | | |
| GW-499Z | Maintenance | Gum Branch Road | I | N/A | N/A | N/A | 03/20/2002 | 01-005S | | |
| GW-514 | Inspection | Filled Coal Ash Pond | A | N/A | N/A | 01-035 | 03/28/2001 | 02-001S, 02-002S | | 2002 |
| GW-514 | Maintenance | Filled Coal Ash Pond | A | N/A | N/A | N/A | 07/25/2001 | 01-002S | | |
| GW-514 | Inspection | Filled Coal Ash Pond | A | N/A | N/A | 01-103 | 09/13/2001 | N/A | | 2002 |
| GW-514 | Maintenance | Filled Coal Ash Pond | A | N/A | N/A | N/A | 03/15/2001 | 01-001P | | |
| GW-521 | Inspection | Industrial Landfill IV | A | N/A | N/A | 01-104 | 09/24/2001 | 01-BJC-0045 | | 2002 |
| GW-521 | Maintenance | Industrial Landfill IV | A | N/A | N/A | N/A | 03/15/2001 | 01-001P | | |
| GW-522 | Maintenance | Industrial Landfill IV | I | N/A | N/A | N/A | 08/21/2001 | 01-004S | | |
| GW-522 | Maintenance | Industrial Landfill IV | I | N/A | N/A | N/A | 08/01/2001 | 01-003P | | |
| GW-526 | Inspection | S-3 Site | A | N/A | N/A | 01-142 | 09/19/2001 | N/A | | 2002 |
| GW-526 | Maintenance | S-3 Site | A | N/A | N/A | N/A | 08/01/2001 | 01-003P | | |
| GW-533 | Maintenance | Lysimeter Demo | I | N/A | N/A | N/A | 05/24/2002 | 01-016S | | |
| GW-537 | Maintenance | Oil Landfarm WMA | A | N/A | N/A | N/A | 08/01/2001 | 01-003P | | |
| GW-537 | Maintenance | Oil Landfarm WMA | A | N/A | N/A | N/A | 07/25/2001 | 01-002S | | |
| GW-537 | Inspection | Oil Landfarm WMA | A | N/A | N/A | 01-016 | 02/06/2001 | N/A | | 2002 |

Well Inspection/Maintenance Summary

| Well Number | Event Type | Location | Well Status | P&A | | Well | | Maintenance Request | | Next Inspection |
|-------------|-------------|--------------------------------------|-------------|----------------|-------------------|------------|-----------|---------------------|------------|-----------------|
| | | | | Request Number | Inspection Number | Event Date | Number(s) | Request Number(s) | Inspection | |
| GW-539 | Maintenance | Industrial Landfill II | I | N/A | N/A | 08/01/2001 | | 01-003P | | |
| GW-540 | Maintenance | Industrial Landfill II | I | N/A | N/A | 08/01/2001 | | 01-003P | | |
| GW-542 | Maintenance | Construction/Demolition Landfill VI | I | N/A | N/A | 08/01/2001 | | 01-003P | | |
| GW-543 | Maintenance | Construction/Demolition Landfill VI | I | N/A | N/A | 08/01/2001 | | 01-003P | | |
| GW-544 | Maintenance | Construction/Demolition Landfill VI | I | N/A | N/A | 08/01/2001 | | 01-003P | | |
| GW-552 | Maintenance | South Side Chestnut Ridge | I | N/A | N/A | 03/20/2002 | | 01-005S | | |
| GW-555 | Maintenance | South Side Chestnut Ridge | I | N/A | N/A | 03/20/2002 | | 01-005S | | |
| GW-557 | Maintenance | Industrial Landfill V | A | N/A | N/A | 03/15/2001 | | 01-001P | | |
| GW-557 | Inspection | Industrial Landfill V | A | N/A | 01-105 | 09/13/2001 | | N/A | | 2002 |
| GW-563 | Maintenance | South Side Chestnut Ridge | I | N/A | N/A | 03/20/2002 | | 01-005S | | |
| GW-564 | Maintenance | Construction/Demolition Landfill VII | I | N/A | N/A | 08/21/2001 | | 01-004S | | |
| GW-564 | Maintenance | Construction/Demolition Landfill VII | I | N/A | N/A | 08/01/2001 | | 01-003P | | |
| GW-567 | Maintenance | South Side Chestnut Ridge | I | N/A | N/A | 03/20/2002 | | 01-005S | | |
| GW-569 | Inspection | South Side Chestnut Ridge | I | N/A | 01-038 | 04/04/2001 | | N/A | | 2004 |
| GW-569 | Maintenance | South Side Chestnut Ridge | I | N/A | N/A | 03/20/2002 | | 01-005S | | |
| GW-576 | Maintenance | South Side Chestnut Ridge | I | N/A | N/A | 03/20/2002 | | 01-005S | | |
| GW-605 | Inspection | Exit Pathway - Traverse I | A | N/A | 01-106 | 09/24/2001 | | N/A | | 2002 |
| GW-605 | Maintenance | Exit Pathway - Traverse I | A | N/A | N/A | 03/15/2001 | | 01-001P | | |
| GW-606 | Inspection | Exit Pathway - Traverse I | A | N/A | 01-107 | 09/24/2001 | | N/A | | 2002 |
| GW-606 | Maintenance | Exit Pathway - Traverse I | A | N/A | N/A | 03/15/2001 | | 01-001P | | |
| GW-608 | Inspection | Chestnut Ridge Security Pits | A | N/A | 01-030 | 03/21/2001 | | N/A | | 2002 |
| GW-608 | Inspection | Chestnut Ridge Security Pits | A | N/A | 01-108 | 09/24/2001 | | N/A | | 2002 |

Well Inspection/Maintenance Summary

| Well Number | Event Type | Location | Well Status | P&A Request Number | Well Inspection Number | Event Date | Maintenance Request Number(s) | Next Inspection |
|-------------|-------------|-------------------------------|-------------|--------------------|------------------------|------------|-------------------------------|-----------------|
| GW-608 | Maintenance | Chestnut Ridge Security Pits | A | N/A | N/A | 07/25/2001 | 01-002S | |
| GW-608 | Maintenance | Chestnut Ridge Security Pits | A | N/A | N/A | 03/15/2001 | 01-001P | |
| GW-609 | Maintenance | Chestnut Ridge Security Pits | A | N/A | N/A | 03/15/2001 | 01-001P | |
| GW-609 | Inspection | Chestnut Ridge Security Pits | A | N/A | 01-109 | 09/25/2001 | N/A | 2002 |
| GW-612 | Inspection | Chestnut Ridge Security Pits | A | N/A | 01-036 | 03/29/2001 | N/A | 2002 |
| GW-612 | Maintenance | Chestnut Ridge Security Pits | A | N/A | N/A | 07/25/2001 | 01-002S | |
| GW-612 | Maintenance | Chestnut Ridge Security Pits | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-615 | Inspection | S-3 Site | A | N/A | 01-110 | 09/19/2001 | N/A | 2002 |
| GW-615 | Maintenance | S-3 Site | A | N/A | N/A | 03/15/2001 | 01-001P | |
| GW-616 | Maintenance | S-3 Site | A | N/A | N/A | 07/25/2001 | 01-002S | |
| GW-616 | Inspection | S-3 Site | A | N/A | 01-033 | 03/27/2001 | N/A | 2002 |
| GW-618 | Maintenance | Exit Pathway - Traverse E | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-618 | Inspection | Exit Pathway - Traverse E | A | N/A | 01-143 | 09/26/2001 | N/A | 2002 |
| GW-620 | Maintenance | Fire Training Facility | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-620 | Inspection | Fire Training Facility | A | N/A | 01-045 | 04/25/2001 | N/A | 2002 |
| GW-621 | Maintenance | Exit Pathway - Traverse B | I | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-623 | Maintenance | Bear Creek Burial Grounds WMA | I | N/A | N/A | 02/22/2002 | 01-006S | |
| GW-625 | Maintenance | Bear Creek Burial Grounds WMA | I | N/A | N/A | 02/22/2002 | 01-006S | |
| GW-627 | Maintenance | Bear Creek Burial Grounds WMA | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-627 | Inspection | Bear Creek Burial Grounds WMA | A | N/A | 01-019 | 02/13/2001 | N/A | 2002 |
| GW-627 | Maintenance | Bear Creek Burial Grounds WMA | A | N/A | N/A | 07/25/2001 | 01-002S | |
| GW-628 | Maintenance | Bear Creek Burial Grounds WMA | I | N/A | N/A | 03/20/2002 | 01-005S | |

Well Inspection/Maintenance Summary

| Well Number | Event Type | Location | Well Status | P&A | | Well Inspection Number | Event Date | Maintenance Request | | Next Inspection |
|-------------|-------------|-------------------------------|-------------|----------------|--------|------------------------|------------|---------------------|-----------|-----------------|
| | | | | Request Number | Number | | | Number(s) | Number(s) | |
| GW-633 | Maintenance | Rust Garage Area | I | N/A | N/A | N/A | 09/27/2001 | 01-008P | | |
| GW-633 | Maintenance | Rust Garage Area | I | N/A | N/A | N/A | 08/21/2001 | 01-004S | | |
| GW-633 | Maintenance | Rust Garage Area | I | N/A | N/A | N/A | 08/01/2001 | 01-003P | | |
| GW-633 | Maintenance | Rust Garage Area | I | N/A | N/A | N/A | 05/24/2002 | 01-016S | | |
| GW-638 | Maintenance | Oil Landfarm WMA | I | N/A | N/A | N/A | 03/20/2002 | 01-005S | | |
| GW-639 | Inspection | Bear Creek Burial Grounds WMA | A | N/A | N/A | 01-144 | 09/18/2001 | N/A | | 2002 |
| GW-653 | Maintenance | Bear Creek Burial Grounds WMA | A | N/A | N/A | N/A | 08/01/2001 | 01-003P | | |
| GW-653 | Maintenance | Bear Creek Burial Grounds WMA | A | N/A | N/A | N/A | 07/25/2001 | 01-002S | | |
| GW-653 | Inspection | Bear Creek Burial Grounds WMA | A | N/A | N/A | 01-017 | 02/12/2001 | N/A | | 2002 |
| GW-656 | Inspection | Y-12 Plant Site | A | N/A | N/A | 01-063 | 05/24/2001 | N/A | | 2002 |
| GW-674 | Maintenance | Filled Coal Ash Pond | I | N/A | N/A | N/A | 03/20/2002 | 01-005S | | |
| GW-677 | Maintenance | Filled Coal Ash Pond | I | N/A | N/A | N/A | 02/22/2002 | 01-006S | | |
| GW-683 | Maintenance | Exit Pathway - Traverse A | A | N/A | N/A | N/A | 08/01/2001 | 01-003P | | |
| GW-683 | Inspection | Exit Pathway - Traverse A | A | N/A | N/A | 01-002 | 01/09/2001 | N/A | | 2002 |
| GW-684 | Inspection | Exit Pathway - Traverse A | A | N/A | N/A | 01-001 | 01/09/2001 | 02-001S | | 2002 |
| GW-684 | Maintenance | Exit Pathway - Traverse A | A | N/A | N/A | N/A | 08/01/2001 | 01-003P | | |
| GW-685 | Inspection | Exit Pathway - Traverse A | A | N/A | N/A | 01-024 | 03/14/2001 | N/A | | 2002 |
| GW-685 | Maintenance | Exit Pathway - Traverse A | A | N/A | N/A | N/A | 08/01/2001 | 01-003P | | |
| GW-690 | Maintenance | Coal Pile Trench | I | N/A | N/A | N/A | 08/01/2001 | 01-003P | | |
| GW-692 | Maintenance | Coal Pile Trench | I | N/A | N/A | N/A | 03/20/2002 | 01-005S | | |
| GW-693 | Maintenance | Coal Pile Trench | I | N/A | N/A | N/A | 03/20/2002 | 01-005S | | |
| GW-695 | Inspection | Exit Pathway - Traverse B | A | N/A | N/A | 01-003 | 01/16/2001 | N/A | | 2002 |

Well Inspection/Maintenance Summary

| Well Number | Event Type | Location | Well Status | P&A Request Number | Well Inspection Number | Event Date | Maintenance Request Number(s) | Next Inspection |
|-------------|-------------|---------------------------|-------------|--------------------|------------------------|------------|-------------------------------|-----------------|
| GW-695 | Maintenance | Exit Pathway - Traverse B | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-697 | Maintenance | Y-12 Plant Site | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-698 | Inspection | Building 8110 | A | N/A | 01-060 | 05/23/2001 | N/A | 2002 |
| GW-698 | Maintenance | Building 8110 | A | N/A | N/A | 10/11/2001 | 01-013P | |
| GW-698 | Maintenance | Building 8110 | A | N/A | N/A | 08/21/2001 | 01-004S | |
| GW-700 | Maintenance | Building 8110 | I | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-703 | Maintenance | Exit Pathway - Traverse B | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-703 | Inspection | Exit Pathway - Traverse B | A | N/A | 01-004 | 01/22/2001 | N/A | 2002 |
| GW-704 | Inspection | Exit Pathway - Traverse B | A | N/A | 01-006 | 01/23/2001 | N/A | 2002 |
| GW-704 | Maintenance | Exit Pathway - Traverse B | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-704 | Inspection | Exit Pathway - Traverse B | A | N/A | 01-145 | 09/13/2001 | N/A | 2002 |
| GW-706 | Inspection | Exit Pathway - Traverse B | A | N/A | 01-146 | 09/17/2001 | N/A | 2002 |
| GW-706 | Inspection | Exit Pathway - Traverse B | A | N/A | 01-007 | 01/23/2001 | N/A | 2002 |
| GW-706 | Maintenance | Exit Pathway - Traverse B | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-709 | Maintenance | Industrial Landfill II | I | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-710 | Maintenance | Exit Pathway - Traverse W | I | N/A | N/A | 05/24/2002 | 01-016S | |
| GW-712 | Inspection | Exit Pathway - Traverse W | A | N/A | 01-111 | 09/13/2001 | N/A | 2002 |
| GW-712 | Maintenance | Exit Pathway - Traverse W | A | N/A | N/A | 03/15/2001 | 01-001P | |
| GW-713 | Inspection | Exit Pathway - Traverse W | A | N/A | 01-112 | 09/13/2001 | N/A | 2002 |
| GW-713 | Maintenance | Exit Pathway - Traverse W | A | N/A | N/A | 03/15/2001 | 01-001P | |
| GW-714 | Maintenance | Exit Pathway - Traverse W | A | N/A | N/A | 03/15/2001 | 01-001P | |
| GW-714 | Inspection | Exit Pathway - Traverse W | A | N/A | 01-113 | 09/13/2001 | N/A | 2002 |

Well Inspection/Maintenance Summary

| Well Number | Event Type | Location | Well Status | P&A Request Number | Well Inspection Number | Event Date | Maintenance Request Number(s) | Next Inspection |
|-------------|-------------|--|-------------|--------------------|------------------------|------------|-------------------------------|-----------------|
| GW-715 | Inspection | Exit Pathway - Traverse W | A | N/A | 01-114 | 09/13/2001 | N/A | 2002 |
| GW-715 | Maintenance | Exit Pathway - Traverse W | A | N/A | N/A | 03/15/2001 | 01-001P | |
| GW-722 | Inspection | Exit Pathway - Traverse J | A | N/A | 01-147 | 09/20/2001 | N/A | 2002 |
| GW-722 | Maintenance | Exit Pathway - Traverse J | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-724 | Maintenance | Exit Pathway - Traverse C | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-724 | Inspection | Exit Pathway - Traverse C | A | N/A | 01-010 | 01/25/2001 | N/A | 2002 |
| GW-725 | Inspection | Exit Pathway - Traverse C | A | N/A | 01-005 | 01/22/2001 | N/A | 2002 |
| GW-725 | Maintenance | Exit Pathway - Traverse C | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-731 | Inspection | Chestnut Ridge Sediment Disposal Basin | A | N/A | 01-115 | 09/20/2001 | N/A | 2002 |
| GW-731 | Maintenance | Chestnut Ridge Sediment Disposal Basin | A | N/A | N/A | 03/15/2001 | 01-001P | |
| GW-732 | Maintenance | Chestnut Ridge Sediment Disposal Basin | A | N/A | N/A | 03/15/2001 | 01-001P | |
| GW-732 | Inspection | Chestnut Ridge Sediment Disposal Basin | A | N/A | 01-116 | 09/20/2001 | N/A | 2002 |
| GW-733 | Maintenance | Exit Pathway - Traverse J | A | N/A | N/A | 03/15/2001 | 01-001P | |
| GW-733 | Inspection | Exit Pathway - Traverse J | A | N/A | 01-117 | 09/19/2001 | N/A | 2002 |
| GW-734 | Maintenance | Exit Pathway - Traverse J | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-735 | Maintenance | Exit Pathway - Traverse J | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-735 | Inspection | Exit Pathway - Traverse J | A | N/A | 01-055 | 05/08/2001 | N/A | 2002 |
| GW-735 | Maintenance | Exit Pathway - Traverse J | A | N/A | N/A | 08/21/2001 | 01-004S | |
| GW-738 | Inspection | Exit Pathway - Traverse C | A | N/A | 01-009 | 01/24/2001 | N/A | 2002 |
| GW-738 | Maintenance | Exit Pathway - Traverse C | A | N/A | N/A | 08/21/2001 | 01-004S | |
| GW-738 | Maintenance | Exit Pathway - Traverse C | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-740 | Inspection | Exit Pathway - Traverse C | A | N/A | 01-008 | 01/24/2001 | 02-004S | 2002 |

Well Inspection/Maintenance Summary

| Well Number | Event Type | Location | Well Status | P&A Request Number | Well Inspection Number | Event Date | Maintenance Request Number(s) | Next Inspection |
|-------------|-------------|------------------------------|-------------|--------------------|------------------------|------------|-------------------------------|-----------------|
| GW-740 | Maintenance | Exit Pathway - Traverse C | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-742 | Maintenance | Chestnut Ridge Security Pits | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-744 | Maintenance | Y-12 Grid Well K1 | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-744 | Inspection | Y-12 Grid Well K1 | A | N/A | 01-053 | 05/07/2001 | N/A | 2002 |
| GW-747 | Inspection | Y-12 Grid Well K2 | A | N/A | 01-054 | 05/07/2001 | N/A | 2002 |
| GW-747 | Maintenance | Y-12 Grid Well K2 | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-750 | Inspection | Exit Pathway - Traverse J | A | N/A | 01-052 | 05/03/2001 | N/A | 2002 |
| GW-750 | Maintenance | Exit Pathway - Traverse J | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-757 | Maintenance | Industrial Landfill II | I | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-758 | Maintenance | Y-12 Grid Well G1 | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-759 | Maintenance | Y-12 Grid Well G1 | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-762 | Inspection | Y-12 Grid Well J-Primary | A | N/A | 01-148 | 09/25/2001 | N/A | 2002 |
| GW-762 | Maintenance | Y-12 Grid Well J-Primary | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-763 | Maintenance | Y-12 Grid Well J-Primary | A | N/A | N/A | 04/15/2002 | 01-012P | |
| GW-763 | Maintenance | Y-12 Grid Well J-Primary | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-763 | Inspection | Y-12 Grid Well J-Primary | A | N/A | 01-044 | 04/25/2001 | N/A | 2002 |
| GW-769 | Inspection | Y-12 Grid Well G3 | A | N/A | 01-041 | 04/17/2001 | N/A | 2002 |
| GW-769 | Maintenance | Y-12 Grid Well G3 | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-770 | Inspection | Y-12 Grid Well G3 | A | N/A | 01-040 | 04/17/2001 | N/A | 2002 |
| GW-770 | Maintenance | Y-12 Grid Well G3 | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-771 | Maintenance | Y-12 Grid Well C1 | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-771 | Inspection | Y-12 Grid Well C1 | A | N/A | 01-058 | 05/22/2001 | N/A | 2002 |

Well Inspection/Maintenance Summary

| Well Number | Event Type | Location | Well Status | P&A Request Number | Well Inspection Number | Event Date | Maintenance Request Number(s) | Next Inspection |
|-------------|-------------|--------------------------------------|-------------|--------------------|------------------------|------------|-------------------------------|-----------------|
| GW-772 | Inspection | Y-12 Grid Well C1 | A | N/A | 01-059 | 05/22/2001 | N/A | 2002 |
| GW-772 | Maintenance | Y-12 Grid Well C1 | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-782 | Maintenance | Y-12 Grid Well E3 | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-782 | Inspection | Y-12 Grid Well E3 | A | N/A | 01-042 | 04/18/2001 | N/A | 2002 |
| GW-783 | Maintenance | Y-12 Grid Well E3 | I | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-784 | Maintenance | Y-12 Grid Well D1 | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-784 | Inspection | Y-12 Grid Well D1 | A | N/A | 01-056 | 05/21/2001 | N/A | 2002 |
| GW-785 | Inspection | Y-12 Grid Well D1 | A | N/A | 01-057 | 05/21/2001 | N/A | 2002 |
| GW-785 | Maintenance | Y-12 Grid Well D1 | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-788 | Maintenance | Y-12 Grid Well F3 | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-789 | Maintenance | Y-12 Grid Well F3 | A | N/A | N/A | 08/21/2001 | 01-004S | |
| GW-789 | Maintenance | Y-12 Grid Well F3 | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-789 | Inspection | Y-12 Grid Well F3 | A | N/A | 01-039 | 04/16/2001 | N/A | 2002 |
| GW-791 | Maintenance | Y-12 Grid Well D2 | I | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-796 | Maintenance | Industrial Landfill V | A | N/A | N/A | 03/15/2001 | 01-001P | |
| GW-796 | Inspection | Industrial Landfill V | A | N/A | 01-118 | 09/13/2001 | N/A | 2002 |
| GW-797 | Maintenance | Industrial Landfill V | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-798 | Maintenance | Construction/Demolition Landfill VII | A | N/A | N/A | 03/15/2001 | 01-001P | |
| GW-798 | Inspection | Construction/Demolition Landfill VII | A | N/A | 01-119 | 09/13/2001 | N/A | 2002 |
| GW-799 | Inspection | Industrial Landfill V | A | N/A | 01-120 | 09/13/2001 | N/A | 2002 |
| GW-799 | Maintenance | Industrial Landfill V | I | N/A | N/A | 03/15/2001 | 01-001P | |
| GW-801 | Maintenance | Industrial Landfill V | A | N/A | N/A | 03/15/2001 | 01-001P | |

Well Inspection/Maintenance Summary

| Well Number | Event Type | Location | Well Status | P&A Request Number | Well Inspection Number | Event Date | Maintenance Request Number(s) | Next Inspection |
|-------------|-------------|---------------------------------------|-------------|--------------------|------------------------|------------|-------------------------------|-----------------|
| GW-801 | Inspection | Industrial Landfill V | A | N/A | 01-121 | 09/13/2001 | N/A | 2002 |
| GW-802 | Maintenance | Y-12 Fuel Station | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-804 | Maintenance | Y-12 Fuel Station | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-812 | Maintenance | Spoil Area I | I | N/A | N/A | 02/22/2002 | 01-006S | |
| GW-816 | Inspection | Exit Pathway Scarboro Road/Pine Ridge | A | N/A | 01-051 | 05/03/2001 | N/A | 2002 |
| GW-816 | Maintenance | Exit Pathway Scarboro Road/Pine Ridge | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-818 | Maintenance | Building 9201-2 | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-819 | Maintenance | Building 9201-2 | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-820 | Maintenance | Building 9201-2 | I | N/A | N/A | 08/21/2001 | 01-004S | |
| GW-820 | Maintenance | Building 9201-2 | I | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-821 | Maintenance | Gum Branch Road | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-822 | Maintenance | Gum Branch Road | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-823 | Maintenance | Gum Branch Road | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-825 | Maintenance | Industrial Landfill II | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-826 | Maintenance | Industrial Landfill II | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-827 | Maintenance | Construction/Demolition Landfill VI | I | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-829 | Maintenance | S-3 Site | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-829 | Inspection | S-3 Site | A | N/A | 01-012 | 01/29/2001 | N/A | 2002 |
| GW-829 | Maintenance | S-3 Site | A | N/A | N/A | 07/25/2001 | 01-002S | |
| GW-830 | Maintenance | TSD Facility, Blair Road | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-831 | Maintenance | Chestnut Ridge Security Pits | A | N/A | N/A | 03/15/2001 | 01-001P | |
| GW-831 | Inspection | Chestnut Ridge Security Pits | A | N/A | 01-122 | 09/29/2001 | N/A | 2002 |

Well Inspection/Maintenance Summary

| Well Number | Event Type | Location | Well Status | P&A Request Number | Well Inspection Number | Event Date | Maintenance Request Number(s) | Next Inspection |
|-------------|-------------|--------------------------------------|-------------|--------------------|------------------------|------------|-------------------------------|-----------------|
| GW-832 | Maintenance | New Hope Pond | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-832 | Inspection | New Hope Pond | A | N/A | 01-149 | 09/20/2001 | N/A | 2002 |
| GW-832 | Maintenance | New Hope Pond | A | N/A | N/A | 08/21/2001 | 01-004S | |
| GW-833 | Maintenance | Y-12 Plant Site | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-834 | Maintenance | S-3 Ponds | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-835 | Inspection | S-3 Ponds | A | N/A | 01-150 | 09/19/2001 | 01-BJC-0025 | 2002 |
| GW-835 | Maintenance | S-3 Ponds | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-836 | Maintenance | S-3 Ponds | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-839 | Maintenance | Pine Ridge | I | 02012001 | N/A | 03/20/2002 | 01-005S | |
| GW-841 | Maintenance | South Campus Facility, Bethel Valley | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-841 | Inspection | South Campus Facility, Bethel Valley | A | N/A | 01-151 | 09/26/2001 | 01-BJC-0065 | 2002 |
| GW-842 | Maintenance | South Campus Facility, Bethel Valley | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-842 | Maintenance | South Campus Facility, Bethel Valley | A | N/A | N/A | 02/22/2002 | 01-006S | |
| GW-842 | Inspection | South Campus Facility, Bethel Valley | A | N/A | 01-152 | 09/26/2001 | N/A | 2002 |
| GW-843 | Maintenance | South Campus Facility, Bethel Valley | A | N/A | N/A | 02/22/2002 | 01-006S | |
| GW-843 | Inspection | South Campus Facility, Bethel Valley | A | N/A | 01-153 | 09/26/2001 | 01-BJC-007S | 2002 |
| GW-843 | Maintenance | South Campus Facility, Bethel Valley | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-844 | Maintenance | South Campus Facility, Bethel Valley | I | N/A | N/A | 02/22/2002 | 01-006S | |
| GW-844 | Maintenance | South Campus Facility, Bethel Valley | A | N/A | N/A | 08/01/2001 | 01-003P | |
| GW-844 | Inspection | South Campus Facility, Bethel Valley | A | N/A | 01-154 | 09/26/2001 | 01-BJC-005S | 2002 |
| GW-845 | Maintenance | Y-12 Plant Site | I | N/A | N/A | 03/20/2002 | 01-005S | |
| GW-854 | Maintenance | S-3 Ponds | I | N/A | N/A | 03/20/2002 | 01-005S | |

Well Inspection/Maintenance Summary

| Well Number | Event Type | Location | Well Status | P&A | | Well Inspection Number | Event Date | Maintenance Request | | Next Inspection |
|-------------|-------------|-------------------|-------------|----------------|--------|------------------------|------------|---------------------|--|-----------------|
| | | | | Request Number | Number | | | Number(s) | | |
| GW-855 | Maintenance | S-3 Ponds | I | N/A | N/A | N/A | 03/20/2002 | 01-005S | | |
| GW-865 | Maintenance | Boneyard/Burnyard | I | N/A | N/A | N/A | 03/20/2002 | 01-005S | | |
| GW-866 | Maintenance | Boneyard/Burnyard | I | N/A | N/A | N/A | 03/20/2002 | 01-005S | | |
| GW-867 | Maintenance | Boneyard/Burnyard | I | N/A | N/A | N/A | 03/20/2002 | 01-005S | | |
| GW-873 | Maintenance | Boneyard/Burnyard | I | N/A | N/A | N/A | 03/20/2002 | 01-005S | | |
| GW-874 | Maintenance | Boneyard/Burnyard | I | N/A | N/A | N/A | 03/20/2002 | 01-005S | | |
| GW-875 | Maintenance | Boneyard/Burnyard | I | N/A | N/A | N/A | 03/20/2002 | 01-005S | | |
| GW-876 | Maintenance | Boneyard/Burnyard | I | N/A | N/A | N/A | 03/20/2002 | 01-005S | | |
| GW-880 | Maintenance | S-3 Ponds | I | N/A | N/A | N/A | 03/20/2002 | 01-005S | | |
| GW-883 | Maintenance | S-3 Ponds | I | N/A | N/A | N/A | 03/20/2002 | 01-005S | | |
| GW-902 | Maintenance | Gum Branch Road | I | N/A | N/A | N/A | 03/20/2002 | 01-005S | | |
| GW-906 | Maintenance | Oil Landfarm WMA | I | 01172001 | N/A | N/A | 03/20/2002 | 01-005S | | |
| GW-907 | Maintenance | Oil Landfarm WMA | I | 01302001 | N/A | N/A | 03/20/2002 | 01-005S | | |
| GW-908 | Maintenance | Oil Landfarm WMA | I | 01292001 | N/A | N/A | 03/20/2002 | 01-005S | | |
| GW-909 | Maintenance | Oil Landfarm WMA | I | 01292001 | N/A | N/A | 03/20/2002 | 01-005S | | |
| GW-911 | Maintenance | Oil Landfarm WMA | I | 01302001 | N/A | N/A | 03/20/2002 | 01-005S | | |
| GW-912 | Maintenance | Oil Landfarm WMA | I | N/A | N/A | N/A | 03/20/2002 | 01-005S | | |
| GW-913 | Maintenance | Oil Landfarm WMA | I | N/A | N/A | N/A | 03/20/2002 | 01-005S | | |
| GW-914 | Maintenance | Oil Landfarm WMA | I | N/A | N/A | N/A | 03/20/2002 | 01-005S | | |
| GW-915 | Maintenance | Gum Branch Road | I | N/A | N/A | N/A | 03/20/2002 | 01-005S | | |
| GW-916 | Inspection | EMWMF | A | N/A | 01-156 | | 09/26/2001 | N/A | | 2002 |
| GW-916 | Maintenance | EMWMF | A | N/A | N/A | N/A | 08/01/2001 | 01-003P | | |

Well Inspection/Maintenance Summary

| Well Number | Event Type | Location | Well Status | P&A | | Well Inspection Number | Event Date | Maintenance Request | | Next Inspection |
|-------------|-------------|-----------------|-------------|----------------|--------|------------------------|------------|---------------------|-----------|-----------------|
| | | | | Request Number | Number | | | Number(s) | Number(s) | |
| GW-917 | Inspection | EMWMF | A | N/A | N/A | 01-157 | 09/26/2001 | N/A | N/A | 2002 |
| GW-917 | Maintenance | EMWMF | A | N/A | N/A | N/A | 08/01/2001 | 01-003P | | |
| GW-918 | Inspection | EMWMF | A | N/A | N/A | 01-158 | 09/26/2001 | N/A | | 2002 |
| GW-918 | Maintenance | EMWMF | A | N/A | N/A | N/A | 08/01/2001 | 01-003P | | |
| GW-920 | Maintenance | EMWMF | A | N/A | N/A | N/A | 08/01/2001 | 01-003P | | |
| GW-920 | Inspection | EMWMF | A | N/A | N/A | 01-159 | 09/26/2001 | N/A | | 2002 |
| GW-921 | Inspection | EMWMF | A | N/A | N/A | 01-160 | 09/26/2001 | N/A | | 2002 |
| GW-921 | Maintenance | EMWMF | A | N/A | N/A | N/A | 08/01/2001 | 01-003P | | |
| GW-922 | Inspection | EMWMF | A | N/A | N/A | 01-166 | 09/26/2001 | N/A | | 2002 |
| GW-922 | Maintenance | EMWMF | A | N/A | N/A | N/A | 08/01/2001 | 01-003P | | |
| GW-923 | Maintenance | EMWMF | A | N/A | N/A | N/A | 08/01/2001 | 01-003P | | |
| GW-923 | Inspection | EMWMF | A | N/A | N/A | 01-161 | 09/26/2001 | N/A | | 2002 |
| GW-924 | Inspection | EMWMF | A | N/A | N/A | 01-162 | 09/26/2001 | N/A | | 2002 |
| GW-924 | Maintenance | EMWMF | A | N/A | N/A | N/A | 08/01/2001 | 01-003P | | |
| GW-925 | Inspection | EMWMF | A | N/A | N/A | 01-163 | 09/26/2001 | N/A | | 2002 |
| GW-925 | Maintenance | EMWMF | A | N/A | N/A | N/A | 08/01/2001 | 01-003P | | |
| GW-926 | Maintenance | EMWMF | A | N/A | N/A | N/A | 08/01/2001 | 01-003P | | |
| GW-926 | Inspection | EMWMF | A | N/A | N/A | 01-164 | 09/26/2001 | N/A | | 2002 |
| GW-927 | Inspection | EMWMF | A | N/A | N/A | 01-165 | 09/26/2001 | N/A | | 2002 |
| GW-927 | Maintenance | EMWMF | I | N/A | N/A | N/A | 08/01/2001 | 01-003P | | |
| LL/HAZ-01 | Maintenance | Gum Branch Road | I | N/A | N/A | N/A | 03/20/2002 | 01-005S | | |
| LL/HAZ-02 | Maintenance | Gum Branch Road | I | N/A | N/A | N/A | 03/20/2002 | 01-005S | | |

Well Inspection/Maintenance Summary

| Well Number | Event Type | Location | Well Status | P&A | | Well Inspection | | Event Date | Maintenance | |
|-------------|-------------|-----------------------------------|-------------|----------------|-------------------|-------------------|-----------------|------------|-------------|--|
| | | | | Request Number | Inspection Number | Request Number(s) | Next Inspection | | | |
| LL/HAZ-05 | Maintenance | Gum Branch Road | I | N/A | N/A | N/A | 03/20/2002 | 01-005S | | |
| LL/HAZ-07 | Maintenance | Gum Branch Road | I | N/A | N/A | N/A | 03/20/2002 | 01-005S | | |
| LL/HAZ-08 | Maintenance | Gum Branch Road | I | N/A | N/A | N/A | 03/20/2002 | 01-005S | | |
| LL/HAZ-09 | Maintenance | Gum Branch Road | I | N/A | N/A | N/A | 03/20/2002 | 01-005S | | |
| LL/HAZ-10 | Maintenance | Gum Branch Road | I | N/A | N/A | N/A | 03/20/2002 | 01-005S | | |
| LL/HAZ-13 | Maintenance | Gum Branch Road | I | N/A | N/A | N/A | 03/20/2002 | 01-005S | | |
| SCR1.5S | Maintenance | Exit Pathway Spring/Surface Water | I | N/A | N/A | N/A | 07/25/2001 | 01-002S | | |
| SCR2.1SP | Maintenance | Exit Pathway Spring/Surface Water | I | N/A | N/A | N/A | 07/25/2001 | 01-002S | | |
| SCR2.2SP | Maintenance | Exit Pathway Spring/Surface Water | I | N/A | N/A | N/A | 07/25/2001 | 01-002S | | |
| SCR2.2S | Maintenance | Exit Pathway Spring/Surface Water | I | N/A | N/A | N/A | 07/25/2001 | 01-002S | | |
| SCR3.4SP | Maintenance | Exit Pathway Spring/Surface Water | I | N/A | N/A | N/A | 07/25/2001 | 01-002S | | |
| SCR4.4S | Maintenance | Exit Pathway Spring/Surface Water | I | N/A | N/A | N/A | 07/25/2001 | 01-002S | | |
| SCR5.1SP | Maintenance | Exit Pathway Spring/Surface Water | I | N/A | N/A | N/A | 07/25/2001 | 01-002S | | |
| SCR5.2SP | Maintenance | Exit Pathway Spring/Surface Water | I | N/A | N/A | N/A | 07/25/2001 | 01-002S | | |
| SCR5.4SP | Maintenance | Exit Pathway Spring/Surface Water | I | N/A | N/A | N/A | 07/25/2001 | 01-002S | | |

*** End of Report ***

APPENDIX B

ACTIVE WELL INSPECTIONS

SITE EXPLANATION

| | |
|------------|---|
| 8110 | Building 8110 |
| ADB | Ash Disposal Basin |
| AGLLWSF | Above Grade Low-Level Waste Storage Facility |
| B4 | Beta-4 Security Pits |
| BCBG | Bear Creek Burial Grounds |
| BYBY | Boneyard/Burnyard Area |
| CDL VI | Construction/Demolition Landfill VI |
| CDL VII | Construction/Demolition Landfill VII |
| CRBAWP | Chestnut Ridge Borrow Area and Waste Pile |
| CPT | Coal Pile Trench |
| CRDT-10 | Chestnut Ridge Deer Trap 10 |
| CRSDB | Chestnut Ridge Sediment Disposal Basin |
| CRSP | Chestnut Ridge Security Pits |
| ECRWP | East Chestnut Ridge Wastepile |
| EMWMF | Environmental Management Waste Management Facility |
| EXP | Exit Pathway Transects A, B, C, J, W, UV(Union Valley) |
| FCAP | Filled Coal Ash Pond |
| FTF | Bldgs. 9754 & 9754-2 Fuel Facility |
| GRID | Groundwater Contaminant Assessment Program – Grid wells |
| Gum Branch | Gum Branch Rd – Research Area |
| L II | Industrial Landfill II |
| L IV | Industrial Landfill IV |
| L V | Industrial Landfill V |
| KHQ | Kerr Hollow Quarry |
| LDS | Lysimeter Demo Site |
| NHP | New Hope Pond |
| OLF | Oil Landfarm |
| ORSF | Oak Ridge Sludge Farm |
| OSY | Y-12 Old Salvage Yard |
| RDS | Ravine Disposal Site |
| RG | Rust Garage |
| RQ | Rogers Quarry |
| RS | Rust Spoil Area |
| SCF | South Campus Facility - Bethel Valley |
| S2 | S2 Site |
| S3 | S3 Site (S-3 Pond Area) |
| SPI | Spoil Area I |
| SY | Y-12 Salvage Yard |
| UNCS | United Nuclear Corporation Site |
| UV | Union Valley |
| UOV | Uranium Oxide Vault |
| WCPA | Waste Coolant Processing Area |
| Y-12 | Y-12 National Security Complex |

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-155

| WELL INFORMATION | | | | | | |
|---|-------------------------------------|-------------------------------------|--|--|---|--|
| Well Number: | <u>1090</u> | | Screen Or Open Interval: | <u>150</u> | | |
| Site: | <u>INVC Site</u> | | Constructed Depth: | <u>96.70</u> | | |
| PRIMARY INSPECTION ITEMS | | | | | | |
| WELL CASINGS: | | | <input type="checkbox"/> Steel | <input type="checkbox"/> Stainless Steel | <input checked="" type="checkbox"/> PVC | |
| | | | NO | YES | N/A | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the PVC well casing cracked or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is a protective surface casing installed? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. Is the protective surface casing corroded, bent, or broken? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 5. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| WELL SECURITY: | | | | | | |
| 1. Does the well have a cap or lid? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Does the well have a waterproof steel/brass lock? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| DOWNHOLE CONDITION: | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Measured depth of well from top of well casing: | | | | <u>96.50</u> | ft | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | | | <u>.013</u> | % | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| SECONDARY INSPECTION ITEMS | | | | | | |
| WELL ACCESS: | | | NO | YES | N/A | |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Explain: _____ | | | | | | |
| WELL IDENTIFICATION: | | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the well number legible? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is the well identification number correct? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| CONCRETE PAD: | | | | | | |
| 1. Is a concrete pad installed (active wells only)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| GUARD POSTS: | | | | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 3. Are the guardposts of adequate height? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| WELL MAINTENANCE REQUEST: | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | |
| <input type="checkbox"/> Primary Items | | | <input type="checkbox"/> Secondary Items | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | |
| COMMENTS | | | | | | |
| <u>Blank Log Sheet</u> | | | | | | |
| | | | | | | |
| | | | | | | |

Inspected By: SM Robinson

Inspection Date: 9-25-07

Superintendent Review/Approval: H McClancy

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
01-065

| WELL INFORMATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|-------------------------------------|-------------------------------------|---|---|-------------------------------------|-------------------------------------|--|---|--------------------------|-------------------------------------|-------------------------------------|---|-------------------------------------|-------------------------------------|--------------------------|--|-------------------------------------|-------------------------------------|--------------------------|--|--------------------------|-------------------------------------|--------------------------|---|-------------------------------------|--------------------------|--------------------------|
| Well Number: <u>GW-008</u> | Screen Or Open Interval: <u>5.0</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Site: <u>OLF</u> | Constructed Depth: <u>20.7</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY INSPECTION ITEMS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> </thead> <tbody> <tr> <td>1. Is the steel or stainless steel well casing corroded, bent, or broken?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Is the PVC well casing cracked or broken?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> </tr> <tr> <td>3. Is a protective surface casing installed?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>4. Is the protective surface casing corroded, bent, or broken?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>5. Is a weep located at the base of the protective casing?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>6. Is the steel, stainless steel, or PVC well casing loose?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </tbody> </table> | | NO | YES | N/A | 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2. Is the PVC well casing cracked or broken? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 3. Is a protective surface casing installed? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 5. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | NO | YES | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Is the PVC well casing cracked or broken? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Is a protective surface casing installed? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL SECURITY: <table border="1" style="width:100%; border-collapse: collapse;"> <tbody> <tr> <td>1. Does the well have a cap or lid?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Does the well have a waterproof steel/brass lock?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>3. Are the hasps firmly welded to well cap and/or metal casing?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </tbody> </table> | | 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DOWNHOLE CONDITION: <table border="1" style="width:100%; border-collapse: collapse;"> <tbody> <tr> <td>1. Is a measurement reference point marked on the top of the well casing?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Measured depth of well from top of well casing:</td> <td align="center" colspan="3"><u>19.81</u> ft</td> </tr> <tr> <td>3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length</td> <td align="center" colspan="3"><u>.173</u> %</td> </tr> <tr> <td>4. Is this value > 0.2 (represents % of screen or open - hole interval)?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>5. Do any obstructions occur within the well?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </tbody> </table> | | 1. Is a measurement reference point marked on the top of the well casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Measured depth of well from top of well casing: | <u>19.81</u> ft | | | 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>.173</u> % | | | 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SECONDARY INSPECTION ITEMS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL ACCESS: <table border="1" style="width:100%; border-collapse: collapse;"> <tbody> <tr> <td>1. Does the access road require grading or additional gravel?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Do any obstructions (locked gates, fallen trees, etc.) block access to well?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </tbody> </table> Explain: _____ | 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> </thead> <tbody> <tr> <td>1. Is a stainless plate with engraved well number attached to the outermost casing?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Is the well number legible?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>3. Is the well identification number correct?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </tbody> </table> | | NO | YES | N/A | 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | NO | YES | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONCRETE PAD: <table border="1" style="width:100%; border-collapse: collapse;"> <tbody> <tr> <td>1. Is a concrete pad installed (active wells only)?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> </tr> <tr> <td>2. Is the pad cracked or deteriorated?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> </tr> <tr> <td>3. Is the pad sloped to prevent water from ponding around the casing?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> </tr> </tbody> </table> | | 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 2. Is the pad cracked or deteriorated? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 3. Is the pad sloped to prevent water from ponding around the casing? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | |
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Is the pad cracked or deteriorated? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GUARD POSTS: <table border="1" style="width:100%; border-collapse: collapse;"> <tbody> <tr> <td>1. Are the guard posts damaged?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Are the guardposts positioned to prevent collision damage to well?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>3. Are the guardposts of adequate height?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>4. Is the high-traffic yellow paint degraded?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </tbody> </table> | | 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL MAINTENANCE REQUEST: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: <input type="checkbox"/> Primary Items <input type="checkbox"/> Secondary Items Request numbers for maintenance performed on this well: _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COMMENTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>Hard log of bottom</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Inspected By: SP Klein

Inspection Date: 9-18-01

Superintendent Review/Approval: BBW/land

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-066

WELL INFORMATION

Well Number: GL-010

Screen Or Open Interval: 5.0

Site: DF

Constructed Depth: 12.7 dgs

PRIMARY INSPECTION ITEMS

WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC NO YES N/A

- | | | | |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the PVC well casing cracked or broken? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Is a protective surface casing installed? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the protective surface casing corroded, bent, or broken? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

WELL SECURITY:

- | | | | |
|---|-------------------------------------|-------------------------------------|--------------------------|
| 1. Does the well have a cap or lid? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

DOWNHOLE CONDITION:

- | | | | |
|---|-------------------------------------|-------------------------------------|--------------------------|
| 1. Is a measurement reference point marked on the top of the well casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | ✓ <u>17.42</u> ft | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>N/A</u> % | | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

SECONDARY INSPECTION ITEMS

WELL ACCESS: NO YES N/A

- | | | | |
|---|-------------------------------------|-------------------------------------|--------------------------|
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Explain: _____

WELL IDENTIFICATION:

- | | | | |
|---|-------------------------------------|-------------------------------------|--------------------------|
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

CONCRETE PAD:

- | | | | |
|---|-------------------------------------|-------------------------------------|--------------------------|
| 1. Is a concrete pad installed (active wells only)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

GUARD POSTS:

- | | | | |
|---|-------------------------------------|-------------------------------------|--------------------------|
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

WELL MAINTENANCE REQUEST:

Complete only if any of the above shaded yes/no boxes are checked:

☐ Primary Items

☐ Secondary Items

Request numbers for maintenance performed on this well: _____

COMMENTS

Hand tag of bottom

Inspected By: SM Salen

Inspection Date: 9-18-01

Superintendent Review/Approval: BSB

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
01 - 067

| WELL INFORMATION | | | | | | |
|---|-------------------------------------|-------------------------------------|-------------------------------------|--------------|----|--|
| Well Number: <u>GW-012</u> | Screen Or Open Interval: <u>2.0</u> | | | | | |
| Site: <u>OLF</u> | Constructed Depth: <u>17.70</u> | | | | | |
| PRIMARY INSPECTION ITEMS | | | | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC 1. Is the steel or stainless steel well casing corroded, bent, or broken? 2. Is the PVC well casing cracked or broken? 3. Is a protective surface casing installed? 4. Is the protective surface casing corroded, bent, or broken? 5. Is a weep located at the base of the protective casing? 6. Is the steel, stainless steel, or PVC well casing loose? | NO | YES | N/A | | | |
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| WELL SECURITY: 1. Does the well have a cap or lid? 2. Does the well have a waterproof steel/brass lock? 3. Are the hasps firmly welded to well cap and/or metal casing? | NO | YES | N/A | | | |
| | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| DOWNHOLE CONDITION: | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? 2. Measured depth of well from top of well casing: 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length 4. Is this value > 0.2 (represents % of screen or open - hole interval)? 5. Do any obstructions occur within the well? | NO | YES | N/A | | | |
| | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| | | | | <u>20.73</u> | ft | |
| | | | | <u>N/A</u> | % | |
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| SECONDARY INSPECTION ITEMS | | | | | | |
| WELL ACCESS: 1. Does the access road require grading or additional gravel? 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____ | NO | YES | N/A | | | |
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| WELL IDENTIFICATION: | | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? 2. Is the well number legible? 3. Is the well identification number correct? | NO | YES | N/A | | | |
| | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| CONCRETE PAD: | | | | | | |
| 1. Is a concrete pad installed (active wells only)? 2. Is the pad cracked or deteriorated? 3. Is the pad sloped to prevent water from ponding around the casing? | NO | YES | N/A | | | |
| | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| GUARD POSTS: | | | | | | |
| 1. Are the guard posts damaged? 2. Are the guardposts positioned to prevent collision damage to well? 3. Are the guardposts of adequate height? 4. Is the high-traffic yellow paint degraded? | NO | YES | N/A | | | |
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| WELL MAINTENANCE REQUEST: | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | |
| <input type="checkbox"/> Primary Items <input type="checkbox"/> Secondary Items | | | | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | |
| COMMENTS | | | | | | |
| <u>Hard tag of bottom</u> | | | | | | |

Inspected By: STP/Kilmer

Inspection Date: 9-18-01

Superintendent Review/Approval: B. B. Wayland

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-068

| | |
|---|--|
| WELL INFORMATION | |
| Well Number: <u>GW-014</u> | Screen Or Open Interval: <u>2.0</u> |
| Site: <u>BCB15</u> | Constructed Depth: <u>13.2</u> |
| PRIMARY INSPECTION ITEMS | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC NO YES N/A | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Is the PVC well casing cracked or broken? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| 3. Is a protective surface casing installed? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 4. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 5. Is a weep located at the base of the protective casing? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| WELL SECURITY: | |
| 1. Does the well have a cap or lid? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| DOWNHOLE CONDITION: | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>15.07</u> ft |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>.24</u> % |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | |
| WELL ACCESS: NO YES N/A | |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| Explain: _____ | |
| WELL IDENTIFICATION: | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Is the well number legible? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| CONCRETE PAD: | |
| 1. Is a concrete pad installed (active wells only)? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| GUARD POSTS: | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST: | |
| Complete only if any of the above shaded yes/no boxes are checked: | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items |
| Request numbers for maintenance performed on this well: _____ | |
| COMMENTS | |
| <u>Hand tag at bottom</u> | |
| | |
| | |

Inspected By: _____

[Signature]

Inspection Date: 9-17-01

Superintendent Review/Approval: _____

[Signature]

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
#01-069

| WELL INFORMATION | | | | |
|---|---|--|-------------------------------------|-------------------------------------|
| Well Number: <u>GW-046</u> | Screen Or Open Interval: <u>10.0</u> | | | |
| Site: <u>BCBL</u> | Constructed Depth: <u>18.1</u> | | | |
| PRIMARY INSPECTION ITEMS | | | | |
| WELL CASINGS: | <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the PVC well casing cracked or broken? | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Is a protective surface casing installed? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the protective surface casing corroded, bent, or broken? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Is a weep located at the base of the protective casing? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 6. Is the steel, stainless steel, or PVC well casing loose? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | | |
| 1. Does the well have a cap or lid? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| DOWNHOLE CONDITION: | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | | <u>17.73</u> ft | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | <u>.028</u> % | | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | | |
| WELL ACCESS: | | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | | |
| WELL IDENTIFICATION: | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | | |
| 1. Is a concrete pad installed (active wells only)? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| GUARD POSTS: | | | | |
| 1. Are the guard posts damaged? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST: | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | |
| <input type="checkbox"/> Primary Items | | <input type="checkbox"/> Secondary Items | | |
| Request numbers for maintenance performed on this well: _____ | | | | |
| COMMENTS | | | | |
| <u>Total depth could be top of pad? SWS 9-17-01 New York St Station</u> | | | | |

Inspected By: SM Seiler

Inspection Date: 9-17-01

Superintendent Review/Approval: B. B. Wainwright

Date: 10/1/01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-018

| WELL INFORMATION | | | | |
|---|--------------------------------------|---|-------------------------------------|-------------------------------------|
| Well Number: <u>Am-053</u> | Screen Or Open Interval: <u>5.00</u> | Constructed Depth: <u>32.90 + 0.60 = 40.5</u> | | |
| Site: <u>B6</u> | | | | |
| PRIMARY INSPECTION ITEMS | | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | | NO | YES | N/A |
| 1. Is the well casing corroded, bent, cracked, or broken? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the well casing loose? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | | |
| 1. Does the well have a cap or lid? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| DOWNHOLE CONDITION: | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW) | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | | 35.72 - 29.25 = 6.47 ft. | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | 0.95 % | | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | | |
| WELL ACCESS: | | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | | |
| WELL IDENTIFICATION: | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | | |
| 1. Is a concrete pad installed (active wells only)? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| GUARD POSTS: | | | | |
| 1. Are the guard posts damaged? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | | |
| Complete this section if at least one shaded box has a check mark: | | | | |
| <input type="checkbox"/> Primary Items | | <input type="checkbox"/> Secondary Items | | |
| Maintenance Request Number (from request form): _____ | | | | |
| COMMENTS | | | | |
| Bottom of the well: <u>solid</u> or soft? | | Is dedicated sampling equipment present? <u>yes</u> | | |
| | | | | |
| | | | | |
| $\Delta TOWW/TOC = .60$ ft. | | | | |

Inspection Date:

2/12/01

Inspected By:

AFH/mB

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-037

WELL INFORMATION

Well Number: W-056
Site: EXP-AScreen Or Open Interval: 2.00
Constructed Depth: 59.30 + 0.77 = 60.07

PRIMARY INSPECTION ITEMS

WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC

1. Is the well casing corroded, bent, cracked, or broken?

2. Is the protective surface casing corroded, bent, or broken?

3. Is a weep located at the base of the protective casing?

4. Is the well casing loose?

WELL SECURITY:

1. Does the well have a cap or lid?

2. Does the well have a waterproof steel brass lock?

3. Are the hasps firmly welded to well cap and or metal casing?

4. If flush-mounted, is the traffic cover securely bolted to the christy box?

5. If flush-mounted, is the well cap tight and the rubber seal in good condition?

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing? (TOC TOWW)

2. Measured depth of well from top of well casing:

3. Calculate: (Constructed depth - Measured depth) Screen or Open Interval Length

4. Is this value ≥ 0.2 (20% of screen or open-hole interval under sediment)?

5. Do any obstructions occur within the well?

SECONDARY INSPECTION ITEMS

WELL ACCESS:

1. Does the access road require grading or additional gravel?

2. Do any obstructions (locked gates, fallen trees, etc.) block access to well?

Explain: _____

WELL IDENTIFICATION:

1. Is a stainless plate with engraved well number attached to the outermost casing?

2. Is the well number legible?

3. Is the well identification number correct?

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?

2. Is the pad cracked or deteriorated?

3. Is the pad sloped to prevent water from ponding around the casing or christy box?

4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?

GUARD POSTS:

1. Are the guard posts damaged?

2. Are the guardposts positioned to prevent collision damage to well?

3. Are the guardposts of adequate height?

4. Is the high-traffic yellow paint degraded?

WELL MAINTENANCE REQUEST

Complete this section if at least one shaded box has a check mark

☐ Primary Items☐ Secondary Items

Maintenance Request Number (from request form): _____

COMMENTS

Bottom of the well solid or soft?Is dedicated sampling equipment present? yeswell tag reverified as requested.TOWW/TOC = .77 ft.

Inspection Date

4/4/01

Inspected By

MB/AH

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 04-023

| WELL INFORMATION | | | |
|---|--|---|-------------------------------------|
| Well Number: <u>W-056</u> | Screen Or Open Interval: <u>2.00</u> | Constructed Depth: <u>23.10 TO 25.55</u> | |
| Site: <u>EXP-A</u> | | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the well casing loose? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/ <u>FOWW</u>) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>* 53.82</u> ft. | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | % | | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | |
| Complete this section if at least one shaded box has a check mark: | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | |
| Maintenance Request Number (from request form): _____ | | | |
| COMMENTS | | | |
| Bottom of the well: <u>solid</u> or soft? | | Is dedicated sampling equipment present? <u>yes</u> | |
| <u>* well tag needs to be re-verified</u> | | | |
| | | Δ FOWW/TOC = <u>.55</u> ft. | |

Y-12 GWPP WIF Rev 5 (2/16/2000)

Inspection Date:

3/14/01

Inspected By:

MB/AH59.30 + 0.1
= 59.85

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-070

| WELL INFORMATION | | | | | | |
|---|--|--|--|-----|--|--|
| Well Number: <u>G10-269</u> | Screen Or Open Interval: <u>10.0</u> | | | | | |
| Site: <u>BCBL</u> | Constructed Depth: <u>99.2</u> | | | | | |
| PRIMARY INSPECTION ITEMS | | | | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">NO</td> <td style="width: 33%; text-align: center;">YES</td> <td style="width: 33%; text-align: center;">N/A</td> </tr> </table> | NO | YES | N/A | | |
| NO | YES | N/A | | | | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Is the PVC well casing cracked or broken? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 3. Is a protective surface casing installed? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 4. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 5. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| WELL SECURITY: 1. Does the well have a cap or lid? 2. Does the well have a waterproof steel/brass lock? 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | | | |
| DOWNHOLE CONDITION: 1. Is a measurement reference point marked on the top of the well casing? 2. Measured depth of well from top of well casing: 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length 4. Is this value > 0.2 (represents % of screen or open - hole interval)? 5. Do any obstructions occur within the well? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <u>98.43</u> <u>.06</u> | <input type="checkbox"/> ft % | | | |
| SECONDARY INSPECTION ITEMS | | | | | | |
| WELL ACCESS: 1. Does the access road require grading or additional gravel? 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____ | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> | | | |
| WELL IDENTIFICATION: 1. Is a stainless plate with engraved well number attached to the outermost casing? 2. Is the well number legible? 3. Is the well identification number correct? | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | | | |
| CONCRETE PAD: 1. Is a concrete pad installed (active wells only)? 2. Is the pad cracked or deteriorated? 3. Is the pad sloped to prevent water from ponding around the casing? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | | | |
| GUARD POSTS: 1. Are the guard posts damaged? 2. Are the guardposts positioned to prevent collision damage to well? 3. Are the guardposts of adequate height? 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | | | |
| WELL MAINTENANCE REQUEST | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | |
| <input type="checkbox"/> Primary Items <input type="checkbox"/> Secondary Items | | | | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | |
| COMMENTS | | | | | | |
| <u>Hard tag of bottom</u> | | | | | | |

Inspected By: SM Seaver

Inspection Date: 9-17-01

Superintendent Review/Approval: BB Wayland

Date: 10/01/01

Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST
#01-071

| WELL INFORMATION | | | | | | |
|---|--------------------------------------|--|--|---|-------------------------------------|--|
| Well Number: <u>BW-071</u> | Screen Or Open Interval: <u>10.6</u> | | | | | |
| Site: <u>BCLB</u> | Constructed Depth: <u>219.0</u> | | | | | |
| PRIMARY INSPECTION ITEMS | | | | | | |
| WELL CASINGS: | | | <input type="checkbox"/> Steel | <input checked="" type="checkbox"/> Stainless Steel | <input type="checkbox"/> PVC | |
| | | | NO | YES | N/A | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the PVC well casing cracked or broken? | | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 3. Is a protective surface casing installed? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. Is the protective surface casing corroded, bent, or broken? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 5. Is a weep located at the base of the protective casing? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| WELL SECURITY: | | | | | | |
| 1. Does the well have a cap or lid? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Does the well have a waterproof steel/brass lock? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| DOWNHOLE CONDITION: | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Measured depth of well from top of well casing: | | | <u>213.20</u> ft | | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | | <u>.08</u> % | | | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 5. Do any obstructions occur within the well? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| SECONDARY INSPECTION ITEMS | | | | | | |
| WELL ACCESS: | | | NO | YES | N/A | |
| 1. Does the access road require grading or additional gravel? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Explain: _____ | | | | | | |
| WELL IDENTIFICATION: | | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the well number legible? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is the well identification number correct? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| CONCRETE PAD: | | | | | | |
| 1. Is a concrete pad installed (active wells only)? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the pad cracked or deteriorated? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| GUARD POSTS: | | | | | | |
| 1. Are the guard posts damaged? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Are the guardposts positioned to prevent collision damage to well? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Are the guardposts of adequate height? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. Is the high-traffic yellow paint degraded? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| WELL MAINTENANCE REQUEST: | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | |
| <input type="checkbox"/> Primary Items | | | <input type="checkbox"/> Secondary Items | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | |
| COMMENTS | | | | | | |
| <u>Hand dug to bottom</u> | | | | | | |
| | | | | | | |
| | | | | | | |

Inspected By: S. Pelicci

Inspection Date: 9-17-01

Superintendent Review/Approval: B. W. [Signature]

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
01-072

| WELL INFORMATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|-------------------------------------|-------------------------------------|--------------------------|---|-------------------------------------|-------------------------------------|--------------------------|---|-------------------------------------|-------------------------------------|-------------------------------------|--|-------------------------------------|-------------------------------------|--------------------------|--|-------------------------------------|--------------------------|--------------------------|--|--------------------------|-------------------------------------|--------------------------|---|-------------------------------------|--------------------------|--------------------------|
| Well Number: <u>GW-75</u> | Screen Or Open Interval: <u>20.0</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Site: <u>DLE</u> | Constructed Depth: <u>199.6</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY INSPECTION ITEMS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> </thead> <tbody> <tr> <td>1. Is the steel or stainless steel well casing corroded, bent, or broken?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Is the PVC well casing cracked or broken?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> </tr> <tr> <td>3. Is a protective surface casing installed?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>4. Is the protective surface casing corroded, bent, or broken?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>5. Is a weep located at the base of the protective casing?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>6. Is the steel, stainless steel, or PVC well casing loose?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </tbody> </table> | | NO | YES | N/A | 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2. Is the PVC well casing cracked or broken? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 3. Is a protective surface casing installed? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 5. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | NO | YES | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Is the PVC well casing cracked or broken? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Is a protective surface casing installed? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL SECURITY: | <table border="1" style="width:100%; border-collapse: collapse;"> <tbody> <tr> <td>1. Does the well have a cap or lid?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Does the well have a waterproof steel/brass lock?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>3. Are the hasps firmly welded to well cap and/or metal casing?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </tbody> </table> | 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DOWNHOLE CONDITION: | <table border="1" style="width:100%; border-collapse: collapse;"> <tbody> <tr> <td>1. Is a measurement reference point marked on the top of the well casing?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Measured depth of well from top of well casing:</td> <td align="center" colspan="3">✓ <u>199.7</u> ft</td> </tr> <tr> <td>3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length</td> <td align="center" colspan="3"><u>.09</u> %</td> </tr> <tr> <td>4. Is this value > 0.2 (represents % of screen or open - hole interval)?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>5. Do any obstructions occur within the well?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </tbody> </table> | 1. Is a measurement reference point marked on the top of the well casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Measured depth of well from top of well casing: | ✓ <u>199.7</u> ft | | | 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>.09</u> % | | | 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Measured depth of well from top of well casing: | ✓ <u>199.7</u> ft | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>.09</u> % | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SECONDARY INSPECTION ITEMS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL ACCESS: | <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> </thead> <tbody> <tr> <td>1. Does the access road require grading or additional gravel?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Do any obstructions (locked gates, fallen trees, etc.) block access to well?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </tbody> </table> | | NO | YES | N/A | 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | |
| | NO | YES | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Explain: _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL IDENTIFICATION: | <table border="1" style="width:100%; border-collapse: collapse;"> <tbody> <tr> <td>1. Is a stainless plate with engraved well number attached to the outermost casing?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Is the well number legible?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>3. Is the well identification number correct?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </tbody> </table> | 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONCRETE PAD: | <table border="1" style="width:100%; border-collapse: collapse;"> <tbody> <tr> <td>1. Is a concrete pad installed (active wells only)?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Is the pad cracked or deteriorated?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>3. Is the pad sloped to prevent water from ponding around the casing?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </tbody> </table> | 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 3. Is the pad sloped to prevent water from ponding around the casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | |
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GUARD POSTS: | <table border="1" style="width:100%; border-collapse: collapse;"> <tbody> <tr> <td>1. Are the guard posts damaged?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Are the guardposts positioned to prevent collision damage to well?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>3. Are the guardposts of adequate height?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>4. Is the high-traffic yellow paint degraded?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </tbody> </table> | 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL MAINTENANCE REQUEST: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COMMENTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>Hand tag of bottom</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Inspected By: SM Swan

Inspection Date: 9-13-01

Superintendent Review/Approval: BB Wagland

Date: 10/01/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

01-123

WELL INFORMATION

Well Number: GW-077

Site: BCBL

Screen Or Open Interval: 10.0

Constructed Depth: 100.30 B&S

PRIMARY INSPECTION ITEMS

WELL CASINGS:

☐ Steel

☒ Stainless Steel

☐ PVC

NO YES N/A

1. Is the steel or stainless steel well casing corroded, bent, or broken?
2. Is the PVC well casing cracked or broken?
3. Is a protective surface casing installed?
4. Is the protective surface casing corroded, bent, or broken?
5. Is a weep located at the base of the protective casing?
6. Is the steel, stainless steel, or PVC well casing loose?

| | | |
|-------------------------------------|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

WELL SECURITY:

1. Does the well have a cap or lid?
2. Does the well have a waterproof steel/brass lock?
3. Are the hasps firmly welded to well cap and/or metal casing?

| | | |
|--------------------------|-------------------------------------|--------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?
2. Measured depth of well from top of well casing:
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length
4. Is this value > 0.2 (represents % of screen or open - hole interval)?
5. Do any obstructions occur within the well?

| | | |
|-------------------------------------|-------------------------------------|-------------------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <u>95.20</u> | | ft |
| | | % |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

SECONDARY INSPECTION ITEMS

WELL ACCESS:

1. Does the access road require grading or additional gravel?
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well?

| | | |
|-------------------------------------|--------------------------|--------------------------|
| NO | YES | N/A |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Explain: _____

WELL IDENTIFICATION:

1. Is a stainless plate with engraved well number attached to the outermost casing?
2. Is the well number legible?
3. Is the well identification number correct?

| | | |
|--------------------------|-------------------------------------|--------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?
2. Is the pad cracked or deteriorated?
3. Is the pad sloped to prevent water from ponding around the casing?

| | | |
|--------------------------|--------------------------|-------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

GUARD POSTS:

1. Are the guard posts damaged?
2. Are the guardposts positioned to prevent collision damage to well?
3. Are the guardposts of adequate height?
4. Is the high-traffic yellow paint degraded?

| | | |
|-------------------------------------|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

WELL MAINTENANCE REQUEST:

Complete only if any of the above shaded yes/no boxes are checked:

☐ Primary Items

☒ Secondary Items

Request numbers for maintenance performed on this well: 01-BJC-0015

COMMENTS

Inspected By: SMK

Inspection Date: 9-17-01

Superintendent Review/Approval: Huchanay

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-124

| WELL INFORMATION | | | | | | |
|---|-------------------------------------|--|--|---|-------------------------------------|--|
| Well Number: <u>GW-073</u> | Screen Or Open Interval: <u>5.5</u> | | | | | |
| Site: <u>BC60</u> | Constructed Depth: <u>24.10</u> | | | | | |
| PRIMARY INSPECTION ITEMS | | | | | | |
| WELL CASINGS: | | | <input type="checkbox"/> Steel | <input checked="" type="checkbox"/> Stainless Steel | <input type="checkbox"/> PVC | |
| | | | NO | YES | N/A | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the PVC well casing cracked or broken? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 3. Is a protective surface casing installed? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. Is the protective surface casing corroded, bent, or broken? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 5. Is a weep located at the base of the protective casing? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| WELL SECURITY: | | | | | | |
| 1. Does the well have a cap or lid? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Does the well have a waterproof steel/brass lock? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| DOWNHOLE CONDITION: | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Measured depth of well from top of well casing: | | | <u>24.0</u> | | ft | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | | <u>.002</u> | | % | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 5. Do any obstructions occur within the well? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| SECONDARY INSPECTION ITEMS | | | | | | |
| WELL ACCESS: | | | NO | YES | N/A | |
| 1. Does the access road require grading or additional gravel? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Explain: _____ | | | | | | |
| WELL IDENTIFICATION: | | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the well number legible? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is the well identification number correct? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| CONCRETE PAD: | | | | | | |
| 1. Is a concrete pad installed (active wells only)? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 2. Is the pad cracked or deteriorated? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| GUARD POSTS: | | | | | | |
| 1. Are the guard posts damaged? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Are the guardposts positioned to prevent collision damage to well? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Are the guardposts of adequate height? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. Is the high-traffic yellow paint degraded? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| WELL MAINTENANCE REQUEST: | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | |
| <input type="checkbox"/> Primary Items | | | <input type="checkbox"/> Secondary Items | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | |
| COMMENTS | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Inspected By: S. K. K...

Inspection Date: 9-17-07

Superintendent Review/Approval: H. M. Clancy

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

01-125

| WELL INFORMATION | | | | |
|--|---|-------------------------------------|-------------------------------------|-------------------------------------|
| Well Number: <u>02W-079</u> | Screen Or Open Interval: <u>5.0</u> | | | |
| Site: <u>BCEB6</u> | Constructed Depth: <u>64.90</u> | | | |
| PRIMARY INSPECTION ITEMS | | | | |
| WELL CASINGS: 1. Is the steel or stainless steel well casing corroded, bent, or broken? 2. Is the PVC well casing cracked or broken? 3. Is a protective surface casing installed? 4. Is the protective surface casing corroded, bent, or broken? 5. Is a weep located at the base of the protective casing? 6. Is the steel, stainless steel, or PVC well casing loose? | <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES | N/A |
| | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: 1. Does the well have a cap or lid? 2. Does the well have a waterproof steel/brass lock? 3. Are the hasps firmly welded to well cap and/or metal casing? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| DOWNHOLE CONDITION: 1. Is a measurement reference point marked on the top of the well casing? 2. Measured depth of well from top of well casing: 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length 4. Is this value > 0.2 (represents % of screen or open - hole interval)? 5. Do any obstructions occur within the well? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | <u>59.73</u> ft Top of % Rwp | | | |
| | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | | |
| WELL ACCESS: 1. Does the access road require grading or additional gravel? 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____ | | NO | YES | N/A |
| | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL IDENTIFICATION: 1. Is a stainless plate with engraved well number attached to the outermost casing? 2. Is the well number legible? 3. Is the well identification number correct? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: 1. Is a concrete pad installed (active wells only)? 2. Is the pad cracked or deteriorated? 3. Is the pad sloped to prevent water from ponding around the casing? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| GUARD POSTS: 1. Are the guard posts damaged? 2. Are the guardposts positioned to prevent collision damage to well? 3. Are the guardposts of adequate height? 4. Is the high-traffic yellow paint degraded? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST: | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | |
| <input type="checkbox"/> Primary Items <input type="checkbox"/> Secondary Items | | | | |
| Request numbers for maintenance performed on this well: _____ | | | | |
| COMMENTS | | | | |
| | | | | |
| | | | | |
| | | | | |

Inspected By: SAK

Inspection Date: 9-17-01

Superintendent Review/Approval: HMcLaney

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST
#61-126**

| WELL INFORMATION | | | |
|--|-------------------------------------|---|-------------------------------------|
| Well Number: <u>6W-080</u> | Screen Or Open Interval: <u>5.0</u> | Constructed Depth: <u>33.30</u> | |
| Site: <u>BCB6</u> | | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: | <input type="checkbox"/> Steel | <input checked="" type="checkbox"/> Stainless Steel | <input type="checkbox"/> PVC |
| | NO | YES | N/A |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the PVC well casing cracked or broken? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Is a protective surface casing installed? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>33.84</u> ft | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | % | | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST: | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | |
| <input type="checkbox"/> Primary Items <input type="checkbox"/> Secondary Items | | | |
| Request numbers for maintenance performed on this well: _____ | | | |
| COMMENTS | | | |
| May not get as 9-17-01 | | | |

Inspected By: Sullivan

Superintendent Review/Approval: Huclanay

Inspection Date: 9-17-01

Date: 03/20/02

**1-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-073

| WELL INFORMATION | | | |
|---|--|--|--|
| Well Number: <u>CU-052</u> | Screen Or Open Interval: <u>5.0</u> | | |
| Site: <u>BCE</u> | Constructed Depth: <u>39.4</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC 1. Is the steel or stainless steel well casing corroded, bent, or broken? 2. Is the PVC well casing cracked or broken? 3. Is a protective surface casing installed? 4. Is the protective surface casing corroded, bent, or broken? 5. Is a weep located at the base of the protective casing? 6. Is the steel, stainless steel, or PVC well casing loose? | NO YES N/A <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| WELL SECURITY: 1. Does the well have a cap or lid? 2. Does the well have a waterproof steel/brass lock? 3. Are the hasps firmly welded to well cap and/or metal casing? | NO YES N/A <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| DOWNHOLE CONDITION: 1. Is a measurement reference point marked on the top of the well casing? 2. Measured depth of well from top of well casing: 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length 4. Is this value > 0.2 (represents % of screen or open - hole interval)? 5. Do any obstructions occur within the well? | NO YES N/A <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> 34.1 ft .86 % <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: 1. Does the access road require grading or additional gravel? 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____ | NO YES N/A <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| WELL IDENTIFICATION: 1. Is a stainless plate with engraved well number attached to the outermost casing? 2. Is the well number legible? 3. Is the well identification number correct? | NO YES N/A <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| CONCRETE PAD: 1. Is a concrete pad installed (active wells only)? 2. Is the pad cracked or deteriorated? 3. Is the pad sloped to prevent water from ponding around the casing? | NO YES N/A <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| GUARD POSTS: 1. Are the guard posts damaged? 2. Are the guardposts positioned to prevent collision damage to well? 3. Are the guardposts of adequate height? 4. Is the high-traffic yellow paint degraded? | NO YES N/A <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| WELL MAINTENANCE REQUEST | | | |
| Complete only if any of the above shaded yes/no boxes are checked: <div style="display: flex; justify-content: space-around;"> <input type="checkbox"/> Primary Items <input type="checkbox"/> Secondary Items </div> | | | |
| Request numbers for maintenance performed on this well: _____ | | | |
| COMMENTS | | | |
| <u>Hand log of bottom</u> | | | |

Inspected By: [Signature] Inspection Date: 9-17-01

Superintendent Review/Approval: [Signature] Date: 10/1/01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO: 01-020

WELL INFORMATION

Well Number: CW-002
 Site: BSG

Screen or Open Interval: 5.00
 Constructed Depth: 37.82 + 0.57 = 38.39

PRIMARY INSPECTION ITEMS

WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC

| | NO | YES | N/A |
|--|-------------------------------------|-------------------------------------|--------------------------|
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

WELL SECURITY:

| | NO | YES | N/A |
|---|--------------------------|-------------------------------------|-------------------------------------|
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

DOWNHOLE CONDITION:

| | | | |
|--|-------------------------------------|--------------------------|--------------------------|
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>34.14</u> | ft. | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | % | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

SECONDARY INSPECTION ITEMS

WELL ACCESS:

| | NO | YES | N/A |
|---|-------------------------------------|-------------------------------------|--------------------------|
| 1. Does the access road require grading or additional gravel? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Explain: locked gate, gw key on gate

WELL IDENTIFICATION:

| | NO | YES | N/A |
|---|--------------------------|-------------------------------------|--------------------------|
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

CONCRETE PAD:

| | NO | YES | N/A |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

GUARD POSTS:

| | NO | YES | N/A |
|---|-------------------------------------|-------------------------------------|--------------------------|
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

WELL MAINTENANCE REQUEST

Complete this section if at least one shaded box has a check mark:

☒ Primary Items ☐ Secondary Items

Maintenance Request Number (from request form): _____

COMMENTS

Bottom of the well: solid or soft? _____ Is dedicated sampling equipment present? yes

Road is washed out pretty good!

TOC- 34.40 TOWW/TOC = .57 ft.

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-014

| WELL INFORMATION | | | |
|--|--|---|-------------------------------------|
| Well Number: <u>GW-085</u> | Screen Or Open Interval: <u>5.00</u> | | |
| Site: <u>OLF</u> | Constructed Depth: <u>41.90 + 0.57 = 42.47</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input checked="" type="checkbox"/> Steel Aluminum <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the well casing loose? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | 62.40 - 57.94 = <u>6.46</u> ft. | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>0.614</u> % | | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | |
| Complete this section if at least one shaded box has a check mark: | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | |
| Maintenance Request Number (from request form): _____ | | | |
| COMMENTS | | | |
| Bottom of the well: <u>solid</u> or soft? | | Is dedicated sampling equipment present? <u>yes</u> | |
| | | | |
| | | | |
| $\Delta(TOWW) TOC = .57$ ft. | | | |

Inspection Date: 2/5/01Inspected By: WMB/AFH

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO: 01-022

| | | | | |
|--|---|---|-------------------------------------|-------------------------------------|
| WELL INFORMATION | | | | |
| Well Number: <u>GW-098</u> | Screen Or Open Interval: <u>21.00</u> | | | |
| Site: <u>OLF</u> | Constructed Depth: <u>106.20 + 0.25</u> | | | |
| PRIMARY INSPECTION ITEMS | | | | |
| WELL CASINGS: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | | NO | YES | N/A |
| 1. Is the well casing corroded, bent, cracked, or broken? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the well casing loose? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | | |
| 1. Does the well have a cap or lid? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| DOWNHOLE CONDITION: | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW) | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | | <u>104.96</u> | ft. | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | <u>0.09</u> | % | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | | |
| WELL ACCESS: | | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Explain: <u>Construction going on! barrier between road + well.</u> | | | | |
| WELL IDENTIFICATION: | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | | |
| 1. Is a concrete pad installed (active wells only)? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| GUARD POSTS: | | | | |
| 1. Are the guard posts damaged? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | | |
| Complete this section if at least one shaded box has a check mark: | | | | |
| <input type="checkbox"/> Primary Items | <input checked="" type="checkbox"/> Secondary Items | | | |
| Maintenance Request Number (from request form): <u>No WMR - can't remove until construction is complete</u> | | | | |
| COMMENTS | | | | |
| Bottom of the well: solid or <u>soft?</u> | | Is dedicated sampling equipment present? <u>yes</u> | | |
| | | | | |
| | | | | |
| ATOWW/TOC = .25 ft. | | | | |

**1-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-074

WELL INFORMATION

Well Number: GW-101
Site: S-3 site

Screen Or Open Interval: 4.0
Constructed Depth: 19.8

PRIMARY INSPECTION ITEMS

WELL CASINGS:

☐ Steel

☐ Stainless Steel

☒ PVC

NO YES N/A

1. Is the steel or stainless steel well casing corroded, bent, or broken?
2. Is the PVC well casing cracked or broken?
3. Is a protective surface casing installed?
4. Is the protective surface casing corroded, bent, or broken?
5. Is a weep located at the base of the protective casing?
6. Is the steel, stainless steel, or PVC well casing loose?

| | | |
|-------------------------------------|-------------------------------------|-------------------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

WELL SECURITY:

1. Does the well have a cap or lid?
2. Does the well have a waterproof steel/brass lock?
3. Are the hasps firmly welded to well cap and/or metal casing?

| | | |
|-------------------------------------|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?
2. Measured depth of well from top of well casing:
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length
4. Is this value > 0.2 (represents % of screen or open - hole interval)?
5. Do any obstructions occur within the well?

| | | |
|-------------------------------------|-------------------------------------|--------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <u>19.77</u> | | ft |
| <u>.007</u> | | % |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

SECONDARY INSPECTION ITEMS

WELL ACCESS:

1. Does the access road require grading or additional gravel?
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well?

| | | |
|-------------------------------------|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Explain: _____

WELL IDENTIFICATION:

1. Is a stainless plate with engraved well number attached to the outermost casing?
2. Is the well number legible?
3. Is the well identification number correct?

| | | |
|-------------------------------------|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?
2. Is the pad cracked or deteriorated?
3. Is the pad sloped to prevent water from ponding around the casing?

| | | |
|-------------------------------------|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

GUARD POSTS:

1. Are the guard posts damaged?
2. Are the guardposts positioned to prevent collision damage to well?
3. Are the guardposts of adequate height?
4. Is the high-traffic yellow paint degraded?

| | | |
|-------------------------------------|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

WELL MAINTENANCE REQUEST:

Complete only if any of the above shaded yes/no boxes are checked:

☐ Primary Items

☐ Secondary Items

Request numbers for maintenance performed on this well: _____

COMMENTS

Hand dug to bottom

Inspected By: SK

Inspection Date: 9-19-01

Superintendent Review/Approval: BBW

Date: 10/01/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-075

| WELL INFORMATION | | | | | |
|--|--|-----|-----|-----|-----|
| Well Number: <u>64-108</u> | Screen Or Open Interval: <u>9.0</u> | | | | |
| Site: <u>S-3 site</u> | Constructed Depth: <u>58.6</u> | | | | |
| PRIMARY INSPECTION ITEMS | | | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | <table style="width:100%; border-collapse: collapse;"> <tr> <th style="width:10%;"></th> <th style="width:15%;">NO</th> <th style="width:15%;">YES</th> <th style="width:15%;">N/A</th> </tr> </table> | | NO | YES | N/A |
| | NO | YES | N/A | | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | | | | |
| 2. Is the PVC well casing cracked or broken? | <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> | | | | |
| 3. Is a protective surface casing installed? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | | | |
| 4. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | | | | |
| 5. Is a weep located at the base of the protective casing? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | | | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | | | | |
| WELL SECURITY: | | | | | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | | | |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | | | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | | | |
| DOWNHOLE CONDITION: | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | | | |
| 2. Measured depth of well from top of well casing: | <u>59.35</u> ft | | | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>57.4</u> % | | | | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | | | | |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | | | | |
| SECONDARY INSPECTION ITEMS | | | | | |
| WELL ACCESS: | <table style="width:100%; border-collapse: collapse;"> <tr> <th style="width:10%;"></th> <th style="width:15%;">NO</th> <th style="width:15%;">YES</th> <th style="width:15%;">N/A</th> </tr> </table> | | NO | YES | N/A |
| | NO | YES | N/A | | |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | | | | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | | | | |
| Explain: _____ | | | | | |
| WELL IDENTIFICATION: | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | | | |
| 2. Is the well number legible? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | | | |
| 3. Is the well identification number correct? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | | | |
| CONCRETE PAD: | | | | | |
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | | | |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | | | | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | | | |
| GUARD POSTS: | | | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | | | | |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | | | |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | | | |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | | | | |
| WELL MAINTENANCE REQUEST: | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | |
| <input type="checkbox"/> Primary Items <input type="checkbox"/> Secondary Items | | | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | |
| COMMENTS | | | | | |
| <u>Hand tag of bottom</u> | | | | | |
| | | | | | |
| | | | | | |

Inspected By: SM/Seim

Inspection Date: 9/19/01

Superintendent Review/Approval: BBWingland

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-076

| WELL INFORMATION | | | | | | |
|---|---|-------------------------------------|-------------------------------------|-----|--|--|
| Well Number: <u>242-109</u> ✓ | Screen Or Open Interval: <u>19.0</u> | | | | | |
| Site: <u>5-3 site</u> | Constructed Depth: <u>123.0</u> | | | | | |
| PRIMARY INSPECTION ITEMS | | | | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input checked="" type="checkbox"/> PVC | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> </table> | NO | YES | N/A | | |
| NO | YES | N/A | | | | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 2. Is the PVC well casing cracked or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| 3. Is a protective surface casing installed? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 4. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| 5. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| WELL SECURITY: 1. Does the well have a cap or lid? 2. Does the well have a waterproof steel/brass lock? 3. Are the hasps firmly welded to well cap and/or metal casing? | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> </table> | NO | YES | N/A | | |
| NO | YES | N/A | | | | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| DOWNHOLE CONDITION: 1. Is a measurement reference point marked on the top of the well casing? 2. Measured depth of well from top of well casing: 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length 4. Is this value > 0.2 (represents % of screen or open - hole interval)? 5. Do any obstructions occur within the well? | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> </table> | NO | YES | N/A | | |
| NO | YES | N/A | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Measured depth of well from top of well casing: | <u>125.0</u> | | ft | | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>n/a</u> | | % | | | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| SECONDARY INSPECTION ITEMS | | | | | | |
| WELL ACCESS: 1. Does the access road require grading or additional gravel? 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____ | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> </table> | NO | YES | N/A | | |
| NO | YES | N/A | | | | |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| WELL IDENTIFICATION: 1. Is a stainless plate with engraved well number attached to the outermost casing? 2. Is the well number legible? 3. Is the well identification number correct? | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> </table> | NO | YES | N/A | | |
| NO | YES | N/A | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| CONCRETE PAD: 1. Is a concrete pad installed (active wells only)? 2. Is the pad cracked or deteriorated? 3. Is the pad sloped to prevent water from ponding around the casing? | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> </table> | NO | YES | N/A | | |
| NO | YES | N/A | | | | |
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| GUARD POSTS: 1. Are the guard posts damaged? 2. Are the guardposts positioned to prevent collision damage to well? 3. Are the guardposts of adequate height? 4. Is the high-traffic yellow paint degraded? | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> </table> | NO | YES | N/A | | |
| NO | YES | N/A | | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| WELL MAINTENANCE REQUEST | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | |
| COMMENTS | | | | | | |
| <u>Hand dig of bottom</u> | | | | | | |

Inspected By: _____

S. K. K.

Inspection Date: _____

9-19-07

Superintendent Review/Approval: _____

B. B. Wayland

Date: _____

10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST
#01-077**

| WELL INFORMATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|-------------------------------------|-------------------------------------|--------------------------|---|-------------------------------------|-------------------------------------|--------------------------|---|-------------------------------------|-------------------------------------|-------------------------------------|--|-------------------------------------|-------------------------------------|-------------------------------------|--|-------------------------------------|--------------------------|-------------------------------------|--|--------------------------|-------------------------------------|--------------------------|---|-------------------------------------|--------------------------|--------------------------|
| Well Number: <u>BW-115</u> | Screen Or Open Interval: <u>10.0</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Site: <u>S-3 site</u> | Constructed Depth: <u>52.0</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY INSPECTION ITEMS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> </thead> <tbody> <tr> <td>1. Is the steel or stainless steel well casing corroded, bent, or broken?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Is the PVC well casing cracked or broken?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> </tr> <tr> <td>3. Is a protective surface casing installed?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>4. Is the protective surface casing corroded, bent, or broken?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>5. Is a weep located at the base of the protective casing?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>6. Is the steel, stainless steel, or PVC well casing loose?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </tbody> </table> | | NO | YES | N/A | 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2. Is the PVC well casing cracked or broken? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 3. Is a protective surface casing installed? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 5. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | NO | YES | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Is the PVC well casing cracked or broken? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Is a protective surface casing installed? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL SECURITY: | <table border="1" style="width:100%; border-collapse: collapse;"> <tbody> <tr> <td>1. Does the well have a cap or lid?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Does the well have a waterproof steel/brass lock?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>3. Are the hasps firmly welded to well cap and/or metal casing?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </tbody> </table> | 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DOWNHOLE CONDITION: | <table border="1" style="width:100%; border-collapse: collapse;"> <tbody> <tr> <td>1. Is a measurement reference point marked on the top of the well casing?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Measured depth of well from top of well casing:</td> <td align="center" colspan="3">✓ <u>45.67</u> ft</td> </tr> <tr> <td>3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length</td> <td align="center" colspan="3"><u>274</u> %</td> </tr> <tr> <td>4. Is this value > 0.2 (represents % of screen or open - hole interval)?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> </tr> <tr> <td>5. Do any obstructions occur within the well?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> </tr> </tbody> </table> | 1. Is a measurement reference point marked on the top of the well casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Measured depth of well from top of well casing: | ✓ <u>45.67</u> ft | | | 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>274</u> % | | | 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 5. Do any obstructions occur within the well? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Measured depth of well from top of well casing: | ✓ <u>45.67</u> ft | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>274</u> % | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. Do any obstructions occur within the well? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SECONDARY INSPECTION ITEMS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL ACCESS: | <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> </thead> <tbody> <tr> <td>1. Does the access road require grading or additional gravel?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Do any obstructions (locked gates, fallen trees, etc.) block access to well?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </tbody> </table> | | NO | YES | N/A | 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | |
| | NO | YES | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Explain: _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL IDENTIFICATION: | <table border="1" style="width:100%; border-collapse: collapse;"> <tbody> <tr> <td>1. Is a stainless plate with engraved well number attached to the outermost casing?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Is the well number legible?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>3. Is the well identification number correct?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </tbody> </table> | 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONCRETE PAD: | <table border="1" style="width:100%; border-collapse: collapse;"> <tbody> <tr> <td>1. Is a concrete pad installed (active wells only)?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Is the pad cracked or deteriorated?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>3. Is the pad sloped to prevent water from ponding around the casing?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </tbody> </table> | 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 3. Is the pad sloped to prevent water from ponding around the casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | |
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GUARD POSTS: | <table border="1" style="width:100%; border-collapse: collapse;"> <tbody> <tr> <td>1. Are the guard posts damaged?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Are the guardposts positioned to prevent collision damage to well?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>3. Are the guardposts of adequate height?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>4. Is the high-traffic yellow paint degraded?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </tbody> </table> | 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL MAINTENANCE REQUEST: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COMMENTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>NOTE TO: May be to top of pump. Cannot lift pump.</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Inspected By: SMG/Gien

Inspection Date: 9-19-01

Superintendent Review/Approval: Blumland

Date: 10/1/01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-025

| WELL INFORMATION | | | | |
|---|--|---|-------------------------------------|-------------------------------------|
| Well Number: <u>GW-124</u> | Screen Or Open Interval: <u>50.00</u> | | | |
| Site: <u>5-3</u> | Constructed Depth: <u>152.87 + 0.21 = 153.08</u> | | | |
| PRIMARY INSPECTION ITEMS | | | | |
| WELL CASINGS: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | | NO | YES | N/A |
| 1. Is the well casing corroded, bent, cracked, or broken? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the well casing loose? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | | |
| 1. Does the well have a cap or lid? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| DOWNHOLE CONDITION: | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW) | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | | <u>153.71</u> ft. | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | <u>- 0.013</u> % | | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | | |
| WELL ACCESS: | | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Explain: _____ | | | | |
| WELL IDENTIFICATION: | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | | |
| 1. Is a concrete pad installed (active wells only)? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| GUARD POSTS: | | | | |
| 1. Are the guard posts damaged? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | | |
| Complete this section if at least one shaded box has a check mark: | | | | |
| <input type="checkbox"/> Primary Items | | <input type="checkbox"/> Secondary Items | | |
| Maintenance Request Number (from request form): _____ | | | | |
| COMMENTS | | | | |
| Bottom of the well: <u>solid</u> or soft? | | Is dedicated sampling equipment present? <u>yes</u> | | |
| | | | | |
| | | | | |
| | | | | |
| ΔTOWW/TOC = <u>.21</u> ft. | | | | |

Inspection Date:

3/19/01

Inspected By:

WB/AH

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-078

| WELL INFORMATION | | | |
|---|---|--|-------------------------------------|
| Well Number: <u>060-127</u> | Screen Or Open Interval: <u>4.0</u> | | |
| Site: <u>5-3 site</u> | Constructed Depth: <u>22.8</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: | <input type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input checked="" type="checkbox"/> PVC | NO | YES |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Is the PVC well casing cracked or broken? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a protective surface casing installed? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the protective surface casing corroded, bent, or broken? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Is a weep located at the base of the protective casing? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. Is the steel, stainless steel, or PVC well casing loose? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>25.30</u> ft | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>N/A</u> % | | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | | NO | YES |
| 1. Does the access road require grading or additional gravel? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | |
| <input type="checkbox"/> Primary Items | | <input type="checkbox"/> Secondary Items | |
| Request numbers for maintenance performed on this well: _____ | | | |
| COMMENTS | | | |
| <u>Hand sig of water</u> | | | |
| | | | |
| | | | |

Inspected By: SM/Carson

Inspection Date: 9-19-01

Superintendent Review/Approval: B. Blaylock

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
#01-079

| WELL INFORMATION | | | | | | | | | | | | | | | | | | | |
|---|--|-------------------------------------|-------------------------------------|--------------------------|-------------------------------------|-------------------------------------|--------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|-------------------------------------|-------------------------------------|--------------------------|-------------------------------------|-------------------------------------|--------------------------|--------------------------|
| Well Number: <u>GW-142</u> | Screen Or Open Interval: <u>46.5</u> | | | | | | | | | | | | | | | | | | |
| Site: <u>Kerr Hollow</u> | Constructed Depth: <u>295.0 A65</u> | | | | | | | | | | | | | | | | | | |
| PRIMARY INSPECTION ITEMS | | | | | | | | | | | | | | | | | | | |
| WELL CASINGS: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | <table border="1" style="width:100%; text-align: center;"> <tr> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | NO | YES | N/A | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| NO | YES | N/A | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? 2. Is the PVC well casing cracked or broken? 3. Is a protective surface casing installed? 4. Is the protective surface casing corroded, bent, or broken? 5. Is a weep located at the base of the protective casing? 6. Is the steel, stainless steel, or PVC well casing loose? | | | | | | | | | | | | | | | | | | | |
| WELL SECURITY: 1. Does the well have a cap or lid? 2. Does the well have a waterproof steel/brass lock? 3. Are the hasps firmly welded to well cap and/or metal casing? | <table border="1" style="width:100%; text-align: center;"> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| DOWNHOLE CONDITION: 1. Is a measurement reference point marked on the top of the well casing? 2. Measured depth of well from top of well casing: 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length 4. Is this value > 0.2 (represents % of screen or open - hole interval)? 5. Do any obstructions occur within the well? | <table border="1" style="width:100%; text-align: center;"> <tr> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td colspan="3"><u>299.2</u> ft</td> </tr> <tr> <td colspan="3"><u>711</u> %</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <u>299.2</u> ft | | | <u>711</u> % | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <u>299.2</u> ft | | | | | | | | | | | | | | | | | | | |
| <u>711</u> % | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| SECONDARY INSPECTION ITEMS | | | | | | | | | | | | | | | | | | | |
| WELL ACCESS: 1. Does the access road require grading or additional gravel? 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____ | <table border="1" style="width:100%; text-align: center;"> <tr> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | NO | YES | N/A | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | |
| NO | YES | N/A | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| WELL IDENTIFICATION: 1. Is a stainless plate with engraved well number attached to the outermost casing? 2. Is the well number legible? 3. Is the well identification number correct? | <table border="1" style="width:100%; text-align: center;"> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| CONCRETE PAD: 1. Is a concrete pad installed (active wells only)? 2. Is the pad cracked or deteriorated? 3. Is the pad sloped to prevent water from ponding around the casing? | <table border="1" style="width:100%; text-align: center;"> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| GUARD POSTS: 1. Are the guard posts damaged? 2. Are the guardposts positioned to prevent collision damage to well? 3. Are the guardposts of adequate height? 4. Is the high-traffic yellow paint degraded? | <table border="1" style="width:100%; text-align: center;"> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| WELL MAINTENANCE REQUEST: | | | | | | | | | | | | | | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Primary Items <input type="checkbox"/> Secondary Items | | | | | | | | | | | | | | | | | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | | | | | | | | | | | | | | |
| COMMENTS | | | | | | | | | | | | | | | | | | | |
| <u>Hand Tag at Bottom</u> | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |

Inspected By: SM Sciacin

Inspection Date: 9-19-01

Superintendent Review/Approval: BB Johnson

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
#01-080

WELL INFORMATION

Well Number: BW-143
Site: Kerr Railroad

Screen Or Open Interval: 48
Constructed Depth: 255.14

PRIMARY INSPECTION ITEMS

| WELL CASINGS: | <input checked="" type="checkbox"/> Steel | <input type="checkbox"/> Stainless Steel | <input type="checkbox"/> PVC | NO | YES | N/A |
|---|---|--|------------------------------|-------------------------------------|--------------------------|-------------------------------------|
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the PVC well casing cracked or broken? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Is a protective surface casing installed? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the protective surface casing corroded, bent, or broken? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

WELL SECURITY:

| | | | |
|---|--------------------------|-------------------------------------|--------------------------|
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

DOWNHOLE CONDITION:

| | | | |
|---|-------------------------------------|-------------------------------------|--------------------------|
| 1. Is a measurement reference point marked on the top of the well casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>253.5</u> | ft | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>0.34</u> | % | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

SECONDARY INSPECTION ITEMS

| WELL ACCESS: | NO | YES | N/A |
|---|-------------------------------------|--------------------------|--------------------------|
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Explain: _____

WELL IDENTIFICATION:

| | | | |
|---|--------------------------|-------------------------------------|--------------------------|
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

CONCRETE PAD:

| | | | |
|---|-------------------------------------|-------------------------------------|--------------------------|
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

GUARD POSTS:

| | | | |
|---|-------------------------------------|-------------------------------------|--------------------------|
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

WELL MAINTENANCE REQUEST:

Complete only if any of the above shaded yes/no boxes are checked:

☐ Primary Items

☐ Secondary Items

Request numbers for maintenance performed on this well: _____

COMMENTS

Hard Lag at Bottom

Inspected By: SWK/Elmer

Inspection Date: 9-19-01

Superintendent Review/Approval: BBW/England

Date: 10/11/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
#01-081

| | | | |
|---|-------------------------------------|--|---|
| WELL INFORMATION | | | |
| Well Number: <u>Core-144</u> | Screen Or Open Interval: <u>40</u> | | |
| Site: <u>Keir Hollow</u> | Constructed Depth: <u>192.9</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: | <input type="checkbox"/> Steel | <input type="checkbox"/> Stainless Steel | <input checked="" type="checkbox"/> PVC |
| | NO | YES | N/A |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Is the PVC well casing cracked or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a protective surface casing installed? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>193.9</u> | | ft |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>N/A</u> | | % |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST: | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | |
| <input type="checkbox"/> Primary Items | | <input type="checkbox"/> Secondary Items | |
| Request numbers for maintenance performed on this well: _____ | | | |
| COMMENTS | | | |
| <u>Hand tag of bottom</u> | | | |

Inspected By: SKK

Inspection Date: 8-19-01

Superintendent Review/Approval: BSM

Date: 10/01/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

*01-082

| WELL INFORMATION | | | | | | |
|---|---------------------|--|--|--|---|-------------------------------------|
| Well Number: | <u>6W-145</u> ✓ | | Screen Or Open Interval: | <u>20.0</u> | | |
| Site: | <u>Kent Hallman</u> | | Constructed Depth: | <u>112.75</u> | | |
| PRIMARY INSPECTION ITEMS | | | | | | |
| WELL CASINGS: | | | <input type="checkbox"/> Steel | <input type="checkbox"/> Stainless Steel | <input checked="" type="checkbox"/> PVC | |
| | | | | | NO | YES |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Is the PVC well casing cracked or broken? | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a protective surface casing installed? | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the protective surface casing corroded, bent, or broken? | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Is a weep located at the base of the protective casing? | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 6. Is the steel, stainless steel, or PVC well casing loose? | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | | | | |
| 1. Does the well have a cap or lid? | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| DOWNHOLE CONDITION: | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | | | | <u>112.75</u> | | ft |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | | | <u>N/A</u> | | % |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | | | | |
| WELL ACCESS: | | | | | NO | YES |
| 1. Does the access road require grading or additional gravel? | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | | | | |
| WELL IDENTIFICATION: | | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | | | | |
| 1. Is a concrete pad installed (active wells only)? | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing? | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| GUARD POSTS: | | | | | | |
| 1. Are the guard posts damaged? | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST: | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | |
| <input type="checkbox"/> Primary Items | | | <input type="checkbox"/> Secondary Items | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | |
| COMMENTS | | | | | | |
| <u>Nauc Log of Bottom</u> | | | | | | |
| | | | | | | |
| | | | | | | |

Inspected By: SMH

Inspection Date: 9-19-01

Superintendent Review/Approval: SSW

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-127

| WELL INFORMATION | | | | |
|--|--|-------------------------------------|-------------------------------------|-------------------------------------|
| Well Number: <u>GW-151</u> Site: <u>New Hope Park</u> | Screen Or Open Interval: <u>10.0</u> Constructed Depth: <u>99.41</u> | | | |
| PRIMARY INSPECTION ITEMS | | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input checked="" type="checkbox"/> PVC | <table style="width:100%; border-collapse: collapse;"> <tr> <th style="width: 33%; text-align: center;">NO</th> <th style="width: 33%; text-align: center;">YES</th> <th style="width: 33%; text-align: center;">N/A</th> </tr> </table> | NO | YES | N/A |
| NO | YES | N/A | | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| 2. Is the PVC well casing cracked or broken? | <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| 3. Is a protective surface casing installed? | <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| 4. Is the protective surface casing corroded, bent, or broken? | <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| 5. Is a weep located at the base of the protective casing? | <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| WELL SECURITY: | | | | |
| 1. Does the well have a cap or lid? | <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| 2. Does the well have a waterproof steel/brass lock? | <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| DOWNHOLE CONDITION: | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| 2. Measured depth of well from top of well casing: | <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;"><u>99.50</u></td> <td style="width: 33%;"></td> <td style="width: 33%; text-align: right;">ft</td> </tr> </table> | <u>99.50</u> | | ft |
| <u>99.50</u> | | ft | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;"><u>N/A</u></td> <td style="width: 33%;"></td> <td style="width: 33%; text-align: right;">%</td> </tr> </table> | <u>N/A</u> | | % |
| <u>N/A</u> | | % | | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | |
| 5. Do any obstructions occur within the well? | <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| SECONDARY INSPECTION ITEMS | | | | |
| WELL ACCESS: | <table style="width:100%; border-collapse: collapse;"> <tr> <th style="width: 33%; text-align: center;">NO</th> <th style="width: 33%; text-align: center;">YES</th> <th style="width: 33%; text-align: center;">N/A</th> </tr> </table> | NO | YES | N/A |
| NO | YES | N/A | | |
| 1. Does the access road require grading or additional gravel? | <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| Explain: _____ | | | | |
| WELL IDENTIFICATION: | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| 2. Is the well number legible? | <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| 3. Is the well identification number correct? | <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| CONCRETE PAD: | | | | |
| 1. Is a concrete pad installed (active wells only)? | <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| 2. Is the pad cracked or deteriorated? | <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| GUARD POSTS: | | | | |
| 1. Are the guard posts damaged? | <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| 2. Are the guardposts positioned to prevent collision damage to well? | <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| 3. Are the guardposts of adequate height? | <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| 4. Is the high-traffic yellow paint degraded? | <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| WELL MAINTENANCE REQUEST: | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | |
| <div style="display: flex; justify-content: space-around;"> <input type="checkbox"/> Primary Items <input type="checkbox"/> Secondary Items </div> | | | | |
| Request numbers for maintenance performed on this well: _____ | | | | |
| COMMENTS | | | | |
| <div style="font-family: cursive; font-size: 1.2em;"> Hand by 12/1/02 </div> | | | | |

Inspected By: [Signature]
 Superintendent Review/Approval: H. M. Clancy

Inspection Date: 9-19-01
 Date: 03/20/02

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO: 01-647

| | |
|----------------------------|--|
| WELL INFORMATION | |
| Well Number: <u>6w-153</u> | Screen Or Open Interval: <u>10.00</u> |
| Site: <u>NHP</u> | Constructed Depth: <u>62.41 + 0.14 = 62.55</u> |

| | | | |
|--|-------------------------------------|-------------------------------------|-------------------------------------|
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/ <u>TOWW</u>) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>60.81</u> ft. | | |
| 3. Calculate: (Constructed depth - Measured depth) Screen or Open Interval Length | <u>0.174</u> % | | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| | | | |
|---|-------------------------------------|-------------------------------------|--------------------------|
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| | |
|--|--|
| WELL MAINTENANCE REQUEST | |
| Complete this section if at least one shaded box has a check mark: | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items |
| Maintenance Request Number (from request form): _____ | |

| | |
|--|---|
| COMMENTS | |
| Bottom of the well: solid or <u>soft</u> | Is dedicated sampling equipment present? <u>yes</u> |
| | |
| | |
| Δ TOWW/TOC = <u>.14</u> ft. | |

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-128

| WELL INFORMATION | | | | | | | | | | | | | | | | | | | |
|---|---|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|-------------------------------------|-------------------------------------|--------------------------|-------------------------------------|-------------------------------------|--------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|
| Well Number: <u>600-154</u> Site: <u>New Hope Pond</u> | Screen Or Open Interval: <u>5.0</u> Constructed Depth: <u>14.1</u> | | | | | | | | | | | | | | | | | | |
| PRIMARY INSPECTION ITEMS | | | | | | | | | | | | | | | | | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input checked="" type="checkbox"/> PVC | <table border="0" style="width: 100%;"> <tr> <td></td> <td align="center">NO</td> <td align="center">YES</td> <td align="center">N/A</td> </tr> </table> | | NO | YES | N/A | | | | | | | | | | | | | | |
| | NO | YES | N/A | | | | | | | | | | | | | | | | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? 2. Is the PVC well casing cracked or broken? 3. Is a protective surface casing installed? 4. Is the protective surface casing corroded, bent, or broken? 5. Is a weep located at the base of the protective casing? 6. Is the steel, stainless steel, or PVC well casing loose? | <table border="0" style="width: 100%;"> <tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td></tr> <tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td></tr> <tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| WELL SECURITY: 1. Does the well have a cap or lid? 2. Does the well have a waterproof steel/brass lock? 3. Are the hasps firmly welded to well cap and/or metal casing? | <table border="0" style="width: 100%;"> <tr><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| DOWNHOLE CONDITION: 1. Is a measurement reference point marked on the top of the well casing? 2. Measured depth of well from top of well casing: 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length 4. Is this value > 0.2 (represents % of screen or open - hole interval)? 5. Do any obstructions occur within the well? | <table border="0" style="width: 100%;"> <tr><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input checked="" type="checkbox"/></td><td><u>13.50</u></td><td>ft</td></tr> <tr><td><input type="checkbox"/></td><td><u>.11</u></td><td>%</td></tr> <tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <u>13.50</u> | ft | <input type="checkbox"/> | <u>.11</u> | % | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <u>13.50</u> | ft | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | <u>.11</u> | % | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| SECONDARY INSPECTION ITEMS | | | | | | | | | | | | | | | | | | | |
| WELL ACCESS: 1. Does the access road require grading or additional gravel? 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____ | <table border="0" style="width: 100%;"> <tr> <td></td> <td align="center">NO</td> <td align="center">YES</td> <td align="center">N/A</td> </tr> </table> | | NO | YES | N/A | | | | | | | | | | | | | | |
| | NO | YES | N/A | | | | | | | | | | | | | | | | |
| 1. Does the access road require grading or additional gravel? 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <table border="0" style="width: 100%;"> <tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| WELL IDENTIFICATION: 1. Is a stainless plate with engraved well number attached to the outermost casing? 2. Is the well number legible? 3. Is the well identification number correct? | <table border="0" style="width: 100%;"> <tr><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| CONCRETE PAD: 1. Is a concrete pad installed (active wells only)? 2. Is the pad cracked or deteriorated? 3. Is the pad sloped to prevent water from ponding around the casing? | <table border="0" style="width: 100%;"> <tr><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | |
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| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| GUARD POSTS: 1. Are the guard posts damaged? 2. Are the guardposts positioned to prevent collision damage to well? 3. Are the guardposts of adequate height? 4. Is the high-traffic yellow paint degraded? | <table border="0" style="width: 100%;"> <tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| WELL MAINTENANCE REQUEST: | | | | | | | | | | | | | | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: <input type="checkbox"/> Primary Items <input type="checkbox"/> Secondary Items | | | | | | | | | | | | | | | | | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | | | | | | | | | | | | | | |
| COMMENTS | | | | | | | | | | | | | | | | | | | |
| <u>Panel tag at bottom</u> | | | | | | | | | | | | | | | | | | | |

Inspected By: SM Kelian
 Superintendent Review/Approval: HM Clancy

Inspection Date: 9-26-01
 Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-083

| WELL INFORMATION | | | | | | |
|---|-------------------------------|--|--|--|---|--|
| Well Number: | <u>GW-156</u> | | Screen Or Open Interval: | <u>10.0</u> | | |
| Site: | <u>CR Sed. Degraded Basin</u> | | Constructed Depth: | <u>157.0</u> | | |
| PRIMARY INSPECTION ITEMS | | | | | | |
| WELL CASINGS: | | | <input type="checkbox"/> Steel | <input type="checkbox"/> Stainless Steel | <input checked="" type="checkbox"/> PVC | |
| | | | NO | YES | N/A | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 2. Is the PVC well casing cracked or broken? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is a protective surface casing installed? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. Is the protective surface casing corroded, bent, or broken? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 5. Is a weep located at the base of the protective casing? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| WELL SECURITY: | | | | | | |
| 1. Does the well have a cap or lid? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Does the well have a waterproof steel/brass lock? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| DOWNHOLE CONDITION: | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Measured depth of well from top of well casing: | | | <u>157.2</u> | | ft | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | | <u>N/A</u> | | % | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 5. Do any obstructions occur within the well? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| SECONDARY INSPECTION ITEMS | | | | | | |
| WELL ACCESS: | | | NO | YES | N/A | |
| 1. Does the access road require grading or additional gravel? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Explain: _____ | | | | | | |
| WELL IDENTIFICATION: | | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the well number legible? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is the well identification number correct? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| CONCRETE PAD: | | | | | | |
| 1. Is a concrete pad installed (active wells only)? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the pad cracked or deteriorated? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| GUARD POSTS: | | | | | | |
| 1. Are the guard posts damaged? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Are the guardposts positioned to prevent collision damage to well? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Are the guardposts of adequate height? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. Is the high-traffic yellow paint degraded? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| WELL MAINTENANCE REQUEST: | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | |
| <input type="checkbox"/> Primary Items | | | <input type="checkbox"/> Secondary Items | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | |
| COMMENTS | | | | | | |
| <u>Nail dug at bottom</u> | | | | | | |
| | | | | | | |
| | | | | | | |

Inspected By: SM Seaton

Inspection Date: 9-20-01

Superintendent Review/Approval: [Signature]

Date: 10/1/01

#01-084

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-129

WELL INFORMATION

Well Number: 600-169
Site: Union Valley

Screen Or Open Interval: 5.0
Constructed Depth: 36.35

PRIMARY INSPECTION ITEMS

| | | | | | | |
|---|-------------------------------------|--|---|-------------------------------------|-------------------------------------|-------------------------------------|
| WELL CASINGS: | <input type="checkbox"/> Steel | <input type="checkbox"/> Stainless Steel | <input checked="" type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Is the PVC well casing cracked or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a protective surface casing installed? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the protective surface casing corroded, bent, or broken? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | | | | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| DOWNHOLE CONDITION: | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>36.30</u> ft | | | | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>.01</u> % | | | | | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

SECONDARY INSPECTION ITEMS

| | | | |
|---|-------------------------------------|-------------------------------------|--------------------------|
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

WELL MAINTENANCE REQUEST:

Complete only if any of the above shaded yes/no boxes are checked:

☐ Primary Items

☐ Secondary Items

Request numbers for maintenance performed on this well: _____

COMMENTS

Hand tag at bottom

Inspected By: SM/Secura
Superintendent Review/Approval: HMC Lany

Inspection Date: 9-20-01
Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST
#01-130**

| WELL INFORMATION | | | | | | | |
|---|---------------------|--|--|------------------------------|----|-----|-------------------------------------|
| Well Number: | <u>GW-170</u> | Screen Or Open Interval: | <u>52.9</u> | | | | |
| Site: | <u>Union Valley</u> | Constructed Depth: | <u>158.64</u> | | | | |
| PRIMARY INSPECTION ITEMS | | | | | | | |
| WELL CASINGS: | | <input checked="" type="checkbox"/> Steel | <input type="checkbox"/> Stainless Steel | <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Is the PVC well casing cracked or broken? | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | <input checked="" type="checkbox"/> |
| 3. Is a protective surface casing installed? | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | <input checked="" type="checkbox"/> |
| 4. Is the protective surface casing corroded, bent, or broken? | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | <input checked="" type="checkbox"/> |
| 5. Is a weep located at the base of the protective casing? | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | <input checked="" type="checkbox"/> |
| 6. Is the steel, stainless steel, or PVC well casing loose? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | <input type="checkbox"/> |
| WELL SECURITY: | | | | | | | |
| 1. Does the well have a cap or lid? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Does the well have a waterproof steel/brass lock? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| DOWNHOLE CONDITION: | | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Measured depth of well from top of well casing: | | | | | | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> $\frac{158.64 - 106.5}{52.9}$ </div> <div> $\frac{52.14}{52.9}$ </div> <div style="margin-left: 10px;">ft %</div> </div> | | | | | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| 5. Do any obstructions occur within the well? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| SECONDARY INSPECTION ITEMS | | | | | | | |
| WELL ACCESS: | | | | | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| Explain: _____ | | | | | | | |
| WELL IDENTIFICATION: | | | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Is the well number legible? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 3. Is the well identification number correct? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| CONCRETE PAD: | | | | | | | |
| 1. Is a concrete pad installed (active wells only)? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Is the pad cracked or deteriorated? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| GUARD POSTS: | | | | | | | |
| 1. Are the guard posts damaged? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Are the guardposts positioned to prevent collision damage to well? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 3. Are the guardposts of adequate height? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 4. Is the high-traffic yellow paint degraded? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| WELL MAINTENANCE REQUEST | | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | | |
| <input type="checkbox"/> Primary Items | | <input type="checkbox"/> Secondary Items | | | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | | |
| COMMENTS | | | | | | | |
| <u>fluid log of bottom</u> | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Inspected By: SM Grew

Superintendent Review/Approval: HM Clancy

Inspection Date: 9-20-01

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-131

| WELL INFORMATION | | | | |
|---|--|-------------------------------------|-------------------------------------|-------------------------------------|
| Well Number: <u>GU-171</u> Site: <u>Union Village</u> | Screen Or Open Interval: <u>4.4</u> Constructed Depth: <u>32.75</u> | | | |
| PRIMARY INSPECTION ITEMS | | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input checked="" type="checkbox"/> PVC | <table border="0" style="width:100%;"> <tr> <th style="width: 33%; text-align: center;">NO</th> <th style="width: 33%; text-align: center;">YES</th> <th style="width: 33%; text-align: center;">N/A</th> </tr> </table> | NO | YES | N/A |
| NO | YES | N/A | | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <table border="0" style="width:100%;"> <tr> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| 2. Is the PVC well casing cracked or broken? | <table border="0" style="width:100%;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| 3. Is a protective surface casing installed? | <table border="0" style="width:100%;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| 4. Is the protective surface casing corroded, bent, or broken? | <table border="0" style="width:100%;"> <tr> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| 5. Is a weep located at the base of the protective casing? | <table border="0" style="width:100%;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <table border="0" style="width:100%;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| WELL SECURITY: | | | | |
| 1. Does the well have a cap or lid? | <table border="0" style="width:100%;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| 2. Does the well have a waterproof steel/brass lock? | <table border="0" style="width:100%;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <table border="0" style="width:100%;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| DOWNHOLE CONDITION: | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <table border="0" style="width:100%;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| 2. Measured depth of well from top of well casing: | <table border="0" style="width:100%;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <table border="0" style="width:100%;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <table border="0" style="width:100%;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| 5. Do any obstructions occur within the well? | <table border="0" style="width:100%;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| SECONDARY INSPECTION ITEMS | | | | |
| WELL ACCESS: | <table border="0" style="width:100%;"> <tr> <th style="width: 33%; text-align: center;">NO</th> <th style="width: 33%; text-align: center;">YES</th> <th style="width: 33%; text-align: center;">N/A</th> </tr> </table> | NO | YES | N/A |
| NO | YES | N/A | | |
| 1. Does the access road require grading or additional gravel? | <table border="0" style="width:100%;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <table border="0" style="width:100%;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| Explain: _____ | | | | |
| WELL IDENTIFICATION: | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <table border="0" style="width:100%;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| 2. Is the well number legible? | <table border="0" style="width:100%;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| 3. Is the well identification number correct? | <table border="0" style="width:100%;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| CONCRETE PAD: | | | | |
| 1. Is a concrete pad installed (active wells only)? | <table border="0" style="width:100%;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| 2. Is the pad cracked or deteriorated? | <table border="0" style="width:100%;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <table border="0" style="width:100%;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| GUARD POSTS: | | | | |
| 1. Are the guard posts damaged? | <table border="0" style="width:100%;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| 2. Are the guardposts positioned to prevent collision damage to well? | <table border="0" style="width:100%;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| 3. Are the guardposts of adequate height? | <table border="0" style="width:100%;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| 4. Is the high-traffic yellow paint degraded? | <table border="0" style="width:100%;"> <tr> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 33%; text-align: center;"><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| WELL MAINTENANCE REQUEST: | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | |
| <input type="checkbox"/> Primary Items <input type="checkbox"/> Secondary Items | | | | |
| Request numbers for maintenance performed on this well: _____ | | | | |
| COMMENTS | | | | |
| <u>Hard tag in bottom</u> | | | | |
| | | | | |
| | | | | |

Inspected By: SM

Inspection Date: 9-20-01

Superintendent Review/Approval: HM Clancy

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-132

| WELL INFORMATION | | | | | | | | |
|---|---------------------|---|--|------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|
| Well Number: | <u>GW-172</u> | Screen Or Open Interval: | <u>258.8</u> | | | | | |
| Site: | <u>Union Valley</u> | Constructed Depth: | <u>137.42</u> | | | | | |
| PRIMARY INSPECTION ITEMS | | | | | | | | |
| WELL CASINGS: | | <input checked="" type="checkbox"/> Steel | <input type="checkbox"/> Stainless Steel | <input type="checkbox"/> PVC | NO | YES | N/A | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the PVC well casing cracked or broken? | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is a protective surface casing installed? | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. Is the protective surface casing corroded, bent, or broken? | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 5. Is a weep located at the base of the protective casing? | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| WELL SECURITY: | | | | | | | | |
| 1. Does the well have a cap or lid? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Does the well have a waterproof steel/brass lock? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| DOWNHOLE CONDITION: | | | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Measured depth of well from top of well casing: | | <u>✓ 137.50</u> ft | | | | | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | <u>15/18</u> % | | | | | | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 5. Do any obstructions occur within the well? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| SECONDARY INSPECTION ITEMS | | | | | | | | |
| WELL ACCESS: | | NO | | | | | YES | N/A |
| 1. Does the access road require grading or additional gravel? | | <input checked="" type="checkbox"/> | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | | <input checked="" type="checkbox"/> | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | | | | | | |
| WELL IDENTIFICATION: | | | | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | | <input type="checkbox"/> | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | | <input type="checkbox"/> | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | | <input type="checkbox"/> | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | | | | | | |
| 1. Is a concrete pad installed (active wells only)? | | <input type="checkbox"/> | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | | <input checked="" type="checkbox"/> | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing? | | <input type="checkbox"/> | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| GUARD POSTS: | | | | | | | | |
| 1. Are the guard posts damaged? | | <input checked="" type="checkbox"/> | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | | <input type="checkbox"/> | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | | <input type="checkbox"/> | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | | <input checked="" type="checkbox"/> | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST: | | | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | | | |
| <input type="checkbox"/> Primary Items | | <input type="checkbox"/> Secondary Items | | | | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | | | |
| COMMENTS | | | | | | | | |
| <u>Hand tag of bottom</u> | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Inspected By: SMK

Inspection Date: 9-20-01

Superintendent Review/Approval: HM Clancy

Date: 03/20/02

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO: 61-027

| | |
|----------------------------|--|
| WELL INFORMATION | |
| Well Number: <u>61-174</u> | Screen Or Open Interval: <u>16.00</u> |
| Site: <u>CRSP</u> | Constructed Depth: <u>147.44 + 0.16 = 147.60</u> |

| | | | |
|--|-------------------------------------|-------------------------------------|-------------------------------------|
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>152.01</u> ft. | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>-0.441</u> % | | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| | | | |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| | |
|---|--|
| WELL MAINTENANCE REQUEST | |
| Complete this section if at least one shaded box has a check mark | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items |
| Maintenance Request Number (from request form) _____ | |

| | |
|--|---|
| COMMENTS | |
| Bottom of the well: solid or <u>soft</u> | Is dedicated sampling equipment present? <u>yes</u> |
| | |
| | |
| | |

| | |
|------------------------------------|-------------------------|
| Δ TOWW/TOC = <u>.16</u> ft. | |
| Inspection Date: <u>3/20/01</u> | Inspector: <u>MB/AH</u> |

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-028

| WELL INFORMATION | | | |
|--|--|---|---|
| Well Number: <u>W-175</u> | Site: <u>CRSP</u> | Screen Or Open Interval: <u>14.00</u> | Constructed Depth: <u>168.51 + 0.19</u> |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>169.61</u> ft. | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>- 0.00</u> % | | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | |
| Complete this section if at least one shaded box has a check mark: | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | |
| Maintenance Request Number (from request form): _____ | | | |
| COMMENTS | | | |
| Bottom of the well: <u>solid</u> or soft? | | Is dedicated sampling equipment present? <u>yes</u> | |
| | | | |
| | | | |
| | | | |
| TOWW/TOC = <u>.19</u> ft. ✓ | | | |

Inspection Date: 3/20/01Inspected By: MB/PH

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-085

| WELL INFORMATION | | | | | | |
|---|------------------------|--|--|---|-------------------------------------|--|
| Well Number: | <u>6W-175</u> ✓ | | Screen Or Open Interval: | <u>15.3</u> | | |
| Site: | <u>CR Security PAs</u> | | Constructed Depth: | <u>166.7</u> | | |
| PRIMARY INSPECTION ITEMS | | | | | | |
| WELL CASINGS: | | | <input type="checkbox"/> Steel | <input checked="" type="checkbox"/> Stainless Steel | <input type="checkbox"/> PVC | |
| | | | NO | YES | N/A | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the PVC well casing cracked or broken? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 3. Is a protective surface casing installed? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 4. Is the protective surface casing corroded, bent, or broken? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 5. Is a weep located at the base of the protective casing? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| WELL SECURITY: | | | | | | |
| 1. Does the well have a cap or lid? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Does the well have a waterproof steel/brass lock? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| DOWNHOLE CONDITION: | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Measured depth of well from top of well casing: | | | <u>✓ 166.60</u> | | ft | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | | <u>.005</u> | | % | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 5. Do any obstructions occur within the well? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| SECONDARY INSPECTION ITEMS | | | | | | |
| WELL ACCESS: | | | NO | YES | N/A | |
| 1. Does the access road require grading or additional gravel? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Explain: _____ | | | | | | |
| WELL IDENTIFICATION: | | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the well number legible? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is the well identification number correct? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| CONCRETE PAD: | | | | | | |
| 1. Is a concrete pad installed (active wells only)? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the pad cracked or deteriorated? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| GUARD POSTS: | | | | | | |
| 1. Are the guard posts damaged? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Are the guardposts positioned to prevent collision damage to well? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Are the guardposts of adequate height? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. Is the high-traffic yellow paint degraded? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| WELL MAINTENANCE REQUEST | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | |
| <input type="checkbox"/> Primary Items | | | <input type="checkbox"/> Secondary Items | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | |
| COMMENTS | | | | | | |
| <u>Blind tag of Bottom</u> | | | | | | |
| | | | | | | |
| | | | | | | |

Inspected By: SM Schen

Inspection Date: 9-25-01

Superintendent Review/Approval: B. B. [Signature]

Date: 10/1/01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-032

| WELL INFORMATION | | | |
|---|--|---------------------------------------|--|
| Well Number: <u>W-177</u> | Site: <u>CRSP</u> | Screen Or Open Interval: <u>10.00</u> | Constructed Depth: <u>145.48 + 0.12 = 145.60</u> |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the well casing loose? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel brass lock? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and or metal casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>150.84 + 50.60 = 5/2/12 ft.</u> | | |
| 3. Calculate: (Constructed depth - Measured depth) - Screen or Open Interval Length | <u>- 0.524 %</u> | | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | |
| Complete this section if at least one shaded box has a check mark | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | |
| Maintenance Request Number (from request form): _____ | | | |
| COMMENTS | | | |
| Bottom of the well <u>Solid</u> or soft? _____ Is dedicated sampling equipment present? _____ | | | |
| <u>on top of cap no access road! only two posts.</u> | | | |
| _____ | | | |
| _____ | | | |
| Δ TOWW/TOC = <u>.17</u> ft. | | | |

Inspection Date

3/24/01

Inspected By: _____

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-086

| WELL INFORMATION | | | |
|---|-------------------|---|--|
| Well Number: | <u>GW-177</u> ✓ | Screen Or Open Interval: | <u>10.0</u> |
| Site: | <u>CRS 2nd 22</u> | Constructed Depth: | <u>143.0</u> |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: | | <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO YES N/A |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Is the PVC well casing cracked or broken? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 3. Is a protective surface casing installed? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 4. Is the protective surface casing corroded, bent, or broken? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 5. Is a weep located at the base of the protective casing? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 6. Is the steel, stainless steel, or PVC well casing loose? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | | <u>✓ 143.01</u> | ft |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | <u>2/11</u> | % |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | | NO YES N/A | |
| 1. Does the access road require grading or additional gravel? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Is the well number legible? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 3. Is the well identification number correct? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST: | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | |
| <input type="checkbox"/> Primary Items | | <input type="checkbox"/> Secondary Items | |
| Request numbers for maintenance performed on this well: _____ | | | |
| COMMENTS | | | |
| <u>Well on side slope of RCRA cap. Hard tag of bottom</u> | | | |

Inspected By: S. K. K...

Inspection Date: 9-25-01

Superintendent Review/Approval: B. B. Wayland

Date: 10/1/01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-029

WELL INFORMATION

Well Number: W-180
Site: CRSPScreen Or Open Interval: 11.00
Constructed Depth: 143.51 + 0.17 = 143.71

PRIMARY INSPECTION ITEMS

WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC

1. Is the well casing corroded, bent, cracked, or broken?

NO YES N/A

2. Is the protective surface casing corroded, bent, or broken?

3. Is a weep located at the base of the protective casing?

4. Is the well casing loose?

WELL SECURITY:

1. Does the well have a cap or lid?

2. Does the well have a waterproof steel brass lock?

3. Are the hasps firmly welded to well cap and/or metal casing?

4. If flush-mounted, is the traffic cover securely bolted to the christy box?

5. If flush-mounted, is the well cap tight and the rubber seal in good condition?

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing? (TOC TOWW)

2. Measured depth of well from top of well casing:

3. Calculate: (Constructed depth - Measured depth) Screen or Open Interval Length

4. Is this value ≥ 0.2 (20% of screen or open-hole interval under sediment)?

5. Do any obstructions occur within the well?

SECONDARY INSPECTION ITEMS

WELL ACCESS: NO YES N/A

1. Does the access road require grading or additional gravel?

2. Do any obstructions (locked gates, fallen trees, etc.) block access to well?

Explain: _____

WELL IDENTIFICATION:

1. Is a stainless plate with engraved well number attached to the outermost casing?

2. Is the well number legible?

3. Is the well identification number correct?

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?

2. Is the pad cracked or deteriorated?

3. Is the pad sloped to prevent water from ponding around the casing or christy box?

4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?

GUARD POSTS:

1. Are the guard posts damaged?

2. Are the guardposts positioned to prevent collision damage to well?

3. Are the guardposts of adequate height?

4. Is the high-traffic yellow paint degraded?

WELL MAINTENANCE REQUEST

Complete this section if at least one shaded box has a check mark

☐ Primary Items☒ Secondary ItemsMaintenance Request Number (from request form) 02-0025

COMMENTS

Bottom of the well: solid or soft?Is dedicated sampling equipment present? yes Δ TOWW TOC = .17 ft.

35287

MB/AH 28484

3/21/01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-064

| WELL INFORMATION | | | |
|---|--|---|-------------------------------------|
| Well Number: <u>Gw-192</u> | Screen Or Open Interval: <u>10.00</u> | | |
| Site: _____ | Constructed Depth: <u>20.66</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input checked="" type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the well casing loose? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>21.5855</u> ft. ^{m/l/n} | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>- 0.15</u> % | | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | |
| Complete this section if at least one shaded box has a check mark: | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | |
| Maintenance Request Number (from request form): _____ | | | |
| COMMENTS | | | |
| Bottom of the well: <u>solid</u> or soft? | | Is dedicated sampling equipment present? <u>yes</u> | |
| | | | |
| | | | |
| | | | |
| ΔTOWW/TOC = _____ ft. ³ | | | |

Y-12 GWP/WP-WH Rev 5/12/16 (2000)

Inspection Date:

5/21/02

Inspected By:

MB/4H

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-087

| WELL INFORMATION | | | | | | |
|--|--|--|-------------------------------------|-----|-----|--|
| Well Number: <u>GW-193</u> | ✓ | Screen Or Open Interval: <u>10.3</u> | | | | |
| Site: <u>Y-12</u> | | Constructed Depth: <u>21.34</u> | | | | |
| PRIMARY INSPECTION ITEMS | | | | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | | <table border="0"> <tr> <td>NO</td> <td>YES</td> <td>N/A</td> </tr> </table> | NO | YES | N/A | |
| NO | YES | N/A | | | | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Is the PVC well casing cracked or broken? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 3. Is a protective surface casing installed? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 4. Is the protective surface casing corroded, bent, or broken? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 5. Is a weep located at the base of the protective casing? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| WELL SECURITY: | | | | | | |
| 1. Does the well have a cap or lid? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 2. Does the well have a waterproof steel/brass lock? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| DOWNHOLE CONDITION: | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 2. Measured depth of well from top of well casing: | | <u>21.0</u> | ft | | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | <u>.034</u> | % | | | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 5. Do any obstructions occur within the well? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| SECONDARY INSPECTION ITEMS | | | | | | |
| WELL ACCESS: | | <table border="0"> <tr> <td>NO</td> <td>YES</td> <td>N/A</td> </tr> </table> | NO | YES | N/A | |
| NO | YES | N/A | | | | |
| 1. Does the access road require grading or additional gravel? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| Explain: _____ | | | | | | |
| WELL IDENTIFICATION: | | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 2. Is the well number legible? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 3. Is the well identification number correct? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| CONCRETE PAD: | | | | | | |
| 1. Is a concrete pad installed (active wells only)? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 2. Is the pad cracked or deteriorated? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| GUARD POSTS: | | | | | | |
| 1. Are the guard posts damaged? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Are the guardposts positioned to prevent collision damage to well? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 3. Are the guardposts of adequate height? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 4. Is the high-traffic yellow paint degraded? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| WELL MAINTENANCE REQUEST: | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | |
| COMMENTS | | | | | | |
| <u>Hand tag of bottom</u> | | | | | | |
| | | | | | | |
| | | | | | | |

Inspected By: Sgt. Schen

Inspection Date: 9-25-01

Superintendent Review/Approval: B. W. Weyland

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-133

| WELL INFORMATION | | | | | | |
|--|---|-------------------------------------|-------------------------------------|-------------------------------------|--|--|
| Well Number: <u>600-203</u> | Screen Or Open Interval: <u>10.0</u> | | | | | |
| Site: <u>UNC Site</u> | Constructed Depth: <u>158.92</u> | | | | | |
| PRIMARY INSPECTION ITEMS | | | | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input checked="" type="checkbox"/> PVC | <table border="1" style="width: 100%; text-align: center;"> <tr> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> </table> | NO | YES | N/A | | |
| NO | YES | N/A | | | | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <table border="1" style="width: 100%; text-align: center;"><tr><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td></tr></table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | |
| 2. Is the PVC well casing cracked or broken? | <table border="1" style="width: 100%; text-align: center;"><tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | |
| 3. Is a protective surface casing installed? | <table border="1" style="width: 100%; text-align: center;"><tr><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td></tr></table> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | |
| 4. Is the protective surface casing corroded, bent, or broken? | <table border="1" style="width: 100%; text-align: center;"><tr><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td></tr></table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | |
| 5. Is a weep located at the base of the protective casing? | <table border="1" style="width: 100%; text-align: center;"><tr><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td></tr></table> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <table border="1" style="width: 100%; text-align: center;"><tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | |
| WELL SECURITY: | | | | | | |
| 1. Does the well have a cap or lid? | <table border="1" style="width: 100%; text-align: center;"><tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | |
| 2. Does the well have a waterproof steel/brass lock? | <table border="1" style="width: 100%; text-align: center;"><tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <table border="1" style="width: 100%; text-align: center;"><tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | |
| DOWNHOLE CONDITION: | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <table border="1" style="width: 100%; text-align: center;"><tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | |
| 2. Measured depth of well from top of well casing: | ✓ <u>157.35</u> ft | | | | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>.11</u> % | | | | | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <table border="1" style="width: 100%; text-align: center;"><tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | |
| 5. Do any obstructions occur within the well? | <table border="1" style="width: 100%; text-align: center;"><tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | |
| SECONDARY INSPECTION ITEMS | | | | | | |
| WELL ACCESS: | <table border="1" style="width: 100%; text-align: center;"> <tr> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> </table> | NO | YES | N/A | | |
| NO | YES | N/A | | | | |
| 1. Does the access road require grading or additional gravel? | <table border="1" style="width: 100%; text-align: center;"><tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <table border="1" style="width: 100%; text-align: center;"><tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | |
| Explain: _____ | | | | | | |
| WELL IDENTIFICATION: | | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <table border="1" style="width: 100%; text-align: center;"><tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | |
| 2. Is the well number legible? | <table border="1" style="width: 100%; text-align: center;"><tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | |
| 3. Is the well identification number correct? | <table border="1" style="width: 100%; text-align: center;"><tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | |
| CONCRETE PAD: | | | | | | |
| 1. Is a concrete pad installed (active wells only)? | <table border="1" style="width: 100%; text-align: center;"><tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | |
| 2. Is the pad cracked or deteriorated? | <table border="1" style="width: 100%; text-align: center;"><tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <table border="1" style="width: 100%; text-align: center;"><tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | |
| GUARD POSTS: | | | | | | |
| 1. Are the guard posts damaged? | <table border="1" style="width: 100%; text-align: center;"><tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | |
| 2. Are the guardposts positioned to prevent collision damage to well? | <table border="1" style="width: 100%; text-align: center;"><tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | |
| 3. Are the guardposts of adequate height? | <table border="1" style="width: 100%; text-align: center;"><tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | |
| 4. Is the high-traffic yellow paint degraded? | <table border="1" style="width: 100%; text-align: center;"><tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | |
| WELL MAINTENANCE REQUEST: | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | |
| <input type="checkbox"/> Primary Items <input type="checkbox"/> Secondary Items | | | | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | |
| COMMENTS | | | | | | |
| <u>Hand tag of bottom</u> | | | | | | |

| | |
|---|---------------------------------|
| Inspected By: <u>SM/Sum</u> | Inspection Date: <u>9-25-01</u> |
| Superintendent Review/Approval: <u>HMClancy</u> | Date: <u>03/20/02</u> |

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-061

| WELL INFORMATION | | | |
|---|--|---|-------------------------------------|
| Well Number: <u>GW-204</u> | Screen Or Open Interval: <u>10.0</u> | | |
| Site: <u>T0134</u> | Constructed Depth: <u>20.4 + 0.17 =</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the well casing loose? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>20.31</u> ft. | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>0.024</u> % | | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Explain: <u>Dumpster - use compressor</u> | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | |
| Complete this section if at least one shaded box has a check mark: | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | |
| Maintenance Request Number (from request form): _____ | | | |
| COMMENTS | | | |
| Bottom of the well: <u>solid</u> or soft? | | Is dedicated sampling equipment present? <u>yes</u> | |
| | | | |
| | | | |
| | | | |
| ΔTOWW/TOC = <u>.17</u> ft. | | | |

Y-12 G/WPP WIF Rev 5 (2/16/2000)

Inspection Date:

5/23/01

Inspected By:

MB/AH

Not a maint.
item
ERS
03/25/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

01-134

| WELL INFORMATION | | | |
|---|--------------------------------------|-------------------------------------|-------------------------------------|
| Well Number: <u>6W-205</u> | Screen Or Open Interval: <u>10.0</u> | | |
| Site: <u>UNC 500</u> | Constructed Depth: <u>116.51</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input checked="" type="checkbox"/> PVC | | NO | YES |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Is the PVC well casing cracked or broken? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a protective surface casing installed? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the protective surface casing corroded, bent, or broken? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Is a weep located at the base of the protective casing? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. Is the steel, stainless steel, or PVC well casing loose? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | ✓ <u>1165.1</u> | | ft |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>.14</u> | | % |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | | NO | YES |
| 1. Does the access road require grading or additional gravel? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | |
| <input type="checkbox"/> Primary Items <input type="checkbox"/> Secondary Items | | | |
| Request numbers for maintenance performed on this well: _____ | | | |
| COMMENTS | | | |
| <i>Hard tag of bottom</i> | | | |

Inspected By: *SM Seaman*

Inspection Date: 9-25-01

Superintendent Review/Approval: *HM Clancy*

Date: 03/20/02

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 61-062

| WELL INFORMATION | | | | | | | | | |
|---|-------------------------------------|---|--|---|--|--|-------------------------------------|-------------------------------------|-------------------------------------|
| Well Number: <u>W-219</u> | | Screen Or Open Interval: <u>6.00</u> | | | | | | | |
| Site: <u>UCV</u> | | Constructed Depth: <u>15.67 + 0.15 = 15.82</u> | | | | | | | |
| PRIMARY INSPECTION ITEMS | | | | | | | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | | <table border="1" style="width: 100%; text-align: center;"> <tr> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> </table> | | | | | NO | YES | N/A |
| NO | YES | N/A | | | | | | | |
| 1. Is the well casing corroded, bent, cracked, or broken? | | <table border="1" style="width: 100%; text-align: center;"><tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table> | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | |
| 2. Is the protective surface casing corroded, bent, or broken? | | <table border="1" style="width: 100%; text-align: center;"><tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table> | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | |
| 3. Is a weep located at the base of the protective casing? | | <table border="1" style="width: 100%; text-align: center;"><tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td></tr></table> | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | |
| 4. Is the well casing loose? | | <table border="1" style="width: 100%; text-align: center;"><tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table> | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | |
| WELL SECURITY: | | | | | | | | | |
| 1. Does the well have a cap or lid? | | <table border="1" style="width: 100%; text-align: center;"><tr><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table> | | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | |
| 2. Does the well have a waterproof steel/brass lock? | | <table border="1" style="width: 100%; text-align: center;"><tr><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table> | | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | | <table border="1" style="width: 100%; text-align: center;"><tr><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table> | | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | | <table border="1" style="width: 100%; text-align: center;"><tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td></tr></table> | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | | <table border="1" style="width: 100%; text-align: center;"><tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td></tr></table> | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | |
| DOWNHOLE CONDITION: | | | | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW) | | <table border="1" style="width: 100%; text-align: center;"><tr><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table> | | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | |
| 2. Measured depth of well from top of well casing: | | <u>15.70</u> ft. | | | | | | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | <u>0.02</u> % | | | | | | | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | | <table border="1" style="width: 100%; text-align: center;"><tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table> | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | |
| 5. Do any obstructions occur within the well? | | <table border="1" style="width: 100%; text-align: center;"><tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table> | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | |
| SECONDARY INSPECTION ITEMS | | | | | | | | | |
| WELL ACCESS: | | <table border="1" style="width: 100%; text-align: center;"> <tr> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> </table> | | | | | NO | YES | N/A |
| NO | YES | N/A | | | | | | | |
| 1. Does the access road require grading or additional gravel? | | <table border="1" style="width: 100%; text-align: center;"><tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table> | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | | <table border="1" style="width: 100%; text-align: center;"><tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table> | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | |
| Explain: _____ | | | | | | | | | |
| WELL IDENTIFICATION: | | | | | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | | <table border="1" style="width: 100%; text-align: center;"><tr><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table> | | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | |
| 2. Is the well number legible? | | <table border="1" style="width: 100%; text-align: center;"><tr><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table> | | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | |
| 3. Is the well identification number correct? | | <table border="1" style="width: 100%; text-align: center;"><tr><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table> | | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | |
| CONCRETE PAD: | | | | | | | | | |
| 1. Is a concrete pad installed (active wells only)? | | <table border="1" style="width: 100%; text-align: center;"><tr><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table> | | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | |
| 2. Is the pad cracked or deteriorated? | | <table border="1" style="width: 100%; text-align: center;"><tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table> | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | | <table border="1" style="width: 100%; text-align: center;"><tr><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table> | | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | | <table border="1" style="width: 100%; text-align: center;"><tr><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td></tr></table> | | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | |
| GUARD POSTS: | | | | | | | | | |
| 1. Are the guard posts damaged? | | <table border="1" style="width: 100%; text-align: center;"><tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table> | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | |
| 2. Are the guardposts positioned to prevent collision damage to well? | | <table border="1" style="width: 100%; text-align: center;"><tr><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table> | | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | |
| 3. Are the guardposts of adequate height? | | <table border="1" style="width: 100%; text-align: center;"><tr><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table> | | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | |
| 4. Is the high-traffic yellow paint degraded? | | <table border="1" style="width: 100%; text-align: center;"><tr><td><input checked="" type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table> | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | |
| WELL MAINTENANCE REQUEST | | | | | | | | | |
| Complete this section if at least one shaded box has a check mark: | | | | | | | | | |
| <input type="checkbox"/> Primary Items | | <input type="checkbox"/> Secondary Items | | | | | | | |
| Maintenance Request Number (from request form): _____ | | | | | | | | | |
| COMMENTS | | | | | | | | | |
| Bottom of the well: <u>solid</u> or soft? | | | | Is dedicated sampling equipment present? <u>yes</u> | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| $\Delta TOWW/TOC = .15$ ft. | | | | | | | | | |

Y-12 GWPP WIF Rev 5 (2-16-2006)

Inspection Date:

5/24/01

Inspected By:

MB/AH

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-049

| WELL INFORMATION | | | |
|--|---|---|-------------------------------------|
| Well Number: <u>W-220</u> | Screen Or Open Interval: <u>16.0</u> | | |
| Site: <u>NHP</u> | Constructed Depth: <u>47.4 + 0.13 = 47.73</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>49.73</u> ft. | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>- 0.2</u> % | | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | NO | YES | N/A |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | NO | YES | N/A |
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| GUARD POSTS: | NO | YES | N/A |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | |
| Complete this section if at least one shaded box has a check mark: | | | |
| <input type="checkbox"/> Primary Items | | <input type="checkbox"/> Secondary Items | |
| Maintenance Request Number (from request form): _____ | | | |
| COMMENTS | | | |
| Bottom of the well: <u>solid</u> or soft? | | Is dedicated sampling equipment present? <u>yes</u> | |
| | | | |
| | | | |
| $\Delta TOWW/TOC = .13$ ft. | | | |

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-135

| WELL INFORMATION | | | | | | |
|--|--------------------------------------|--|--|-------------------------------------|-------------------------------------|--|
| Well Number: <u>612-221</u> | Screen Or Open Interval: <u>10.0</u> | | | | | |
| Site: <u>4th St</u> | Constructed Depth: <u>168.64</u> | | | | | |
| PRIMARY INSPECTION ITEMS | | | | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input checked="" type="checkbox"/> PVC | | | NO | YES | N/A | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 2. Is the PVC well casing cracked or broken? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is a protective surface casing installed? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 4. Is the protective surface casing corroded, bent, or broken? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 5. Is a weep located at the base of the protective casing? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| WELL SECURITY: | | | | | | |
| 1. Does the well have a cap or lid? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Does the well have a waterproof steel/brass lock? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| DOWNHOLE CONDITION: | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Measured depth of well from top of well casing: | | | <input checked="" type="checkbox"/> | <u>160.58</u> | ft | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | | <input checked="" type="checkbox"/> | <u>.014</u> | % | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 5. Do any obstructions occur within the well? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| SECONDARY INSPECTION ITEMS | | | | | | |
| WELL ACCESS: | | | NO | YES | N/A | |
| 1. Does the access road require grading or additional gravel? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Explain: _____ | | | | | | |
| WELL IDENTIFICATION: | | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the well number legible? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is the well identification number correct? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| CONCRETE PAD: | | | | | | |
| 1. Is a concrete pad installed (active wells only)? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the pad cracked or deteriorated? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| GUARD POSTS: | | | | | | |
| 1. Are the guard posts damaged? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Are the guardposts positioned to prevent collision damage to well? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Are the guardposts of adequate height? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. Is the high-traffic yellow paint degraded? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| WELL MAINTENANCE REQUEST: | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | |
| <input type="checkbox"/> Primary Items | | | <input type="checkbox"/> Secondary Items | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | |
| COMMENTS | | | | | | |
| Hand tag of location | | | | | | |

Inspected By: [Signature]

Superintendent Review/Approval: [Signature]

Inspection Date: 9-25-01

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-134

| WELL INFORMATION | | | | | | |
|---|-------------------------------------|--|--|-------------------------------------|-------------------------------------|-------------------------------------|
| Well Number: <u>GW-223</u> | Screen Or Open Interval: <u>100</u> | | | | | |
| Site: <u>New Hope Pond</u> | Constructed Depth: <u>90.50</u> | | | | | |
| PRIMARY INSPECTION ITEMS | | | | | | |
| WELL CASINGS: | <input type="checkbox"/> Steel | <input type="checkbox"/> Stainless Steel | <input checked="" type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Is the PVC well casing cracked or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a protective surface casing installed? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | | | | |
| 1. Does the well have a cap or lid? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| DOWNHOLE CONDITION: | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | | | | <u>90.0</u> | ft | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | | | <u>.05</u> | % | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | | | | |
| WELL ACCESS: | | | | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | | | | |
| WELL IDENTIFICATION: | | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input checked="" type="checkbox"/> | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input checked="" type="checkbox"/> | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | | | | |
| 1. Is a concrete pad installed (active wells only)? | <input checked="" type="checkbox"/> | | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input type="checkbox"/> | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input checked="" type="checkbox"/> | | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| GUARD POSTS: | | | | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input checked="" type="checkbox"/> | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input checked="" type="checkbox"/> | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST: | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | |
| <input type="checkbox"/> Primary Items | | | <input type="checkbox"/> Secondary Items | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | |
| COMMENTS | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Inspected By: S. Gelman

Inspection Date: 9-19-01

Superintendent Review/Approval: H. McClanay

Date: 03/20/02

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-026

| WELL INFORMATION | | | |
|---|--|---|-------------------------------------|
| Well Number: <u>GW-225</u> | Screen Or <u>Open</u> Interval: <u>50.00</u> | | |
| Site: <u>OLF</u> | Constructed Depth: <u>202.90</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/TOV/W) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>203.22</u> ft. | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>0.006</u> % | | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | |
| Complete this section if at least one shaded box has a check mark: | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | |
| Maintenance Request Number (from request form): _____ | | | |
| COMMENTS | | | |
| Bottom of the well: solid or soft? | | Is dedicated sampling equipment present? <u>yes</u> | |
| | | | |
| | | | |
| | | | |
| No correction factor, new style low-clearance plate - TOC Δ(TOW) TOC = NA ft. | | | |

Y-12 (GWPP) WIF Rev. 5 (2/16/2000)

Inspection Date: 3/15/01Inspected By: MB/AH

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-015

| WELL INFORMATION | | | |
|---|--|---|-------------------------------------|
| Well Number: <u>6W-224</u> | Screen or Open Interval: <u>10.00</u> | | |
| Site: <u>OLF</u> | Constructed Depth: <u>57.84 + 0.12 = 57.96</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>58.91</u> ft. | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>-0.09</u> % | | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | |
| Complete this section if at least one shaded box has a check mark: | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | |
| Maintenance Request Number (from request form): _____ | | | |
| COMMENTS | | | |
| Bottom of the well: solid or <u>soft</u> ? | | Is dedicated sampling equipment present? <u>yes</u> | |
| | | | |
| | | | |
| $\Delta TOWW/TOC = .12$ ft. | | | |

Inspection Date: 2/6/01Inspected By: MO/AH

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#61-137

WELL INFORMATION

Well Number: BW-230
Site: Green Valley

Screen Or Open Interval: 65.4
Constructed Depth: 409.69

PRIMARY INSPECTION ITEMS

WELL CASINGS:

☒ Steel

☐ Stainless Steel

☐ PVC

NO YES N/A

1. Is the steel or stainless steel well casing corroded, bent, or broken?
2. Is the PVC well casing cracked or broken?
3. Is a protective surface casing installed?
4. Is the protective surface casing corroded, bent, or broken?
5. Is a weep located at the base of the protective casing?
6. Is the steel, stainless steel, or PVC well casing loose?

| | | |
|-------------------------------------|--------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

WELL SECURITY:

1. Does the well have a cap or lid?
2. Does the well have a waterproof steel/brass lock?
3. Are the hasps firmly welded to well cap and/or metal casing?

| | | |
|--------------------------|-------------------------------------|--------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?
2. Measured depth of well from top of well casing:
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length
4. Is this value > 0.2 (represents % of screen or open - hole interval)?
5. Do any obstructions occur within the well?

| | | |
|-------------------------------------|-------------------------------------|-------------------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | N/A | ft |
| <input type="checkbox"/> | N/A | % |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

SECONDARY INSPECTION ITEMS

WELL ACCESS:

1. Does the access road require grading or additional gravel?
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well?

| | | |
|-------------------------------------|--------------------------|--------------------------|
| NO | YES | N/A |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Explain: _____

WELL IDENTIFICATION:

1. Is a stainless plate with engraved well number attached to the outermost casing?
2. Is the well number legible?
3. Is the well identification number correct?

| | | |
|--------------------------|-------------------------------------|--------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?
2. Is the pad cracked or deteriorated?
3. Is the pad sloped to prevent water from ponding around the casing?

| | | |
|-------------------------------------|-------------------------------------|--------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

GUARD POSTS:

1. Are the guard posts damaged?
2. Are the guardposts positioned to prevent collision damage to well?
3. Are the guardposts of adequate height?
4. Is the high-traffic yellow paint degraded?

| | | |
|-------------------------------------|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

WELL MAINTENANCE REQUEST:

Complete only if any of the above shaded yes/no boxes are checked:

☐ Primary Items

☐ Secondary Items

Request numbers for maintenance performed on this well: _____

COMMENTS

Well is too deep to tag bottom.

Inspected By: SK Schen

Inspection Date: 9-20-01

Superintendent Review/Approval: H McClancy

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
#01-088

| WELL INFORMATION | | | | | | | | | | | | | | | | | | | |
|--|---|-------------------------------------|-------------------------------------|--------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|-------------------------------------|-------------------------------------|--------------------------|-------------------------------------|-------------------------------------|--------------------------|-------------------------------------|-------------------------------------|--------------------------|
| Well Number: <u>6W-231</u> ✓ | Screen Or Open Interval: <u>10.0</u> | | | | | | | | | | | | | | | | | | |
| Site: <u>Kerr Hollow</u> | Constructed Depth: <u>37.57</u> | | | | | | | | | | | | | | | | | | |
| PRIMARY INSPECTION ITEMS | | | | | | | | | | | | | | | | | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input checked="" type="checkbox"/> PVC | <table border="1" style="width:100%; text-align: center;"> <tr> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | NO | YES | N/A | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| NO | YES | N/A | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? 2. Is the PVC well casing cracked or broken? 3. Is a protective surface casing installed? 4. Is the protective surface casing corroded, bent, or broken? 5. Is a weep located at the base of the protective casing? 6. Is the steel, stainless steel, or PVC well casing loose? | | | | | | | | | | | | | | | | | | | |
| WELL SECURITY: | | | | | | | | | | | | | | | | | | | |
| 1. Does the well have a cap or lid? 2. Does the well have a waterproof steel/brass lock? 3. Are the hasps firmly welded to well cap and/or metal casing? | <table border="1" style="width:100%; text-align: center;"> <tr> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| DOWNHOLE CONDITION: | | | | | | | | | | | | | | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? 2. Measured depth of well from top of well casing: 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length 4. Is this value > 0.2 (represents % of screen or open - hole interval)? 5. Do any obstructions occur within the well? | <table border="1" style="width:100%; text-align: center;"> <tr> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td><u>36.90</u></td> <td>ft</td> </tr> <tr> <td></td> <td><u>.06</u></td> <td>%</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | <u>36.90</u> | ft | | <u>.06</u> | % | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| | <u>36.90</u> | ft | | | | | | | | | | | | | | | | | |
| | <u>.06</u> | % | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| SECONDARY INSPECTION ITEMS | | | | | | | | | | | | | | | | | | | |
| WELL ACCESS: | <table border="1" style="width:100%; text-align: center;"> <tr> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | NO | YES | N/A | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | |
| NO | YES | N/A | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| 1. Does the access road require grading or additional gravel? 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____ | | | | | | | | | | | | | | | | | | | |
| WELL IDENTIFICATION: | | | | | | | | | | | | | | | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? 2. Is the well number legible? 3. Is the well identification number correct? | <table border="1" style="width:100%; text-align: center;"> <tr> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| CONCRETE PAD: | | | | | | | | | | | | | | | | | | | |
| 1. Is a concrete pad installed (active wells only)? 2. Is the pad cracked or deteriorated? 3. Is the pad sloped to prevent water from ponding around the casing? | <table border="1" style="width:100%; text-align: center;"> <tr> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| GUARD POSTS: | | | | | | | | | | | | | | | | | | | |
| 1. Are the guard posts damaged? 2. Are the guardposts positioned to prevent collision damage to well? 3. Are the guardposts of adequate height? 4. Is the high-traffic yellow paint degraded? | <table border="1" style="width:100%; text-align: center;"> <tr> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| WELL MAINTENANCE REQUEST: | | | | | | | | | | | | | | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | | | | | | | | | | | | | | | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | | | | | | | | | | | | | | |
| COMMENTS | | | | | | | | | | | | | | | | | | | |
| <u>Handed Tag to Bottom</u> | | | | | | | | | | | | | | | | | | | |

Inspected By: SM Selian

Inspection Date: 9-19-01

Superintendent Review/Approval: J. B. Wayland

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-138

| WELL INFORMATION | | | | | | |
|---|------------------------------------|--|---|--|-------------------------------------|-------------------------------------|
| Well Number: | <u>GW-232</u> | | Screen Or Open Interval: | <u>10.7</u> | | |
| Site: | <u>Union Valley Street Highway</u> | | Constructed Depth: | <u>413.40</u> | | |
| PRIMARY INSPECTION ITEMS | | | | | | |
| WELL CASINGS: | | | <input checked="" type="checkbox"/> Steel | <input type="checkbox"/> Stainless Steel | <input type="checkbox"/> PVC | |
| | | | | | NO | YES |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the PVC well casing cracked or broken? | | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Is a protective surface casing installed? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the protective surface casing corroded, bent, or broken? | | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Is a weep located at the base of the protective casing? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 6. Is the steel, stainless steel, or PVC well casing loose? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | | | | |
| 1. Does the well have a cap or lid? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| DOWNHOLE CONDITION: | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | | | | | <u>N/A</u> | ft |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | | | | <u>N/A</u> | % |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | | | | |
| WELL ACCESS: | | | | | NO | YES |
| 1. Does the access road require grading or additional gravel? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | | | | |
| WELL IDENTIFICATION: | | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | | | | |
| 1. Is a concrete pad installed (active wells only)? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| GUARD POSTS: | | | | | | |
| 1. Are the guard posts damaged? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST: | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | |
| <input type="checkbox"/> Primary Items | | | <input type="checkbox"/> Secondary Items | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | |
| COMMENTS | | | | | | |
| <u>Cannot measure depth</u> | | | | | | |
| | | | | | | |
| | | | | | | |

Inspected By: St. K. Lee

Superintendent Review/Approval: H. McClary

Inspection Date: 9-20-01

Date: 03/20/02

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO: 01-046

| | |
|----------------------------|--|
| WELL INFORMATION | |
| Well Number: <u>GW-246</u> | Screen Or Open Interval: <u>5.00</u> |
| Site: <u>NHP</u> | Constructed Depth: <u>32.40 + 0.61 = 33.01</u> |

| | | | |
|--|---|--|-------------------------------------|
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: | <input checked="" type="checkbox"/> Steel | <input type="checkbox"/> Stainless Steel | <input type="checkbox"/> PVC |
| | NO | YES | N/A |
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>33.16</u> ft. | | |
| 3. Calculate: (Constructed depth - Measured depth) Screen or Open Interval Length | <u>-0.03</u> % | | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| | | | |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| | |
|---|--|
| WELL MAINTENANCE REQUEST | |
| Complete this section if at least one shaded box has a check mark | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items |
| Maintenance Request Number (from request form) _____ | |

| | |
|---|---|
| COMMENTS | |
| Bottom of the well: solid or soft? | Is dedicated sampling equipment present? <u>yes</u> |
| <u>No reference mark on top of outer casing. - Must be on inner casing. - BERS 03/25/02</u> | |
| | |

$\Delta TOWW / TOC = 0.61$ ft.

Inspection Date: 4/26/01

MB/AH

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO: 01-031

| | |
|----------------------------|--|
| WELL INFORMATION | |
| Well Number: <u>CW-241</u> | Screen <input checked="" type="checkbox"/> Open Interval: <u>21.00</u> |
| Site: <u>CRSPB</u> | Constructed Depth: <u>101.84 + 0.20 = 102.04</u> |

| | | | |
|--|-------------------------------------|---|-------------------------------------|
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: | <input type="checkbox"/> Steel | <input checked="" type="checkbox"/> Stainless Steel | <input type="checkbox"/> PVC |
| | NO | YES | N/A |
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the well casing loose? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing | <u>98.43</u> ft. | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>0.17</u> % | | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| | | | |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

| | |
|---|--|
| WELL MAINTENANCE REQUEST | |
| Complete this section if at least one shaded box has a check mark | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items |
| Maintenance Request Number (from request form): _____ | |

| | |
|--|---|
| COMMENTS | |
| Bottom of the well: solid or soft? <u>soft</u> | Is dedicated sampling equipment present? <u>yes</u> |
| | |
| | |
| | |

$\Delta TOWW/TOC = .20$ ☒ ft.

Inspection Date 3/22/01

MB/AH

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
#01-089

| | | | | | |
|--|--|-------------------------------------|-------------------------------------|-------------------------------------|-----|
| WELL INFORMATION | | | | | |
| Well Number: <u>BW-243N</u> | Screen Or Open Interval: <u>27.8</u> | | | | |
| Site: <u>53 srt</u> | Constructed Depth: <u>7290</u> | | | | |
| PRIMARY INSPECTION ITEMS | | | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input checked="" type="checkbox"/> PVC | <table border="0" style="width:100%;"> <tr> <td></td> <td align="center">NO</td> <td align="center">YES</td> <td align="center">N/A</td> </tr> </table> | | NO | YES | N/A |
| | NO | YES | N/A | | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <table border="0"> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 2. Is the PVC well casing cracked or broken? | <table border="0"> <tr> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 3. Is a protective surface casing installed? | <table border="0"> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 4. Is the protective surface casing corroded, bent, or broken? | <table border="0"> <tr> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 5. Is a weep located at the base of the protective casing? | <table border="0"> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <table border="0"> <tr> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| WELL SECURITY: | | | | | |
| 1. Does the well have a cap or lid? | <table border="0"> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Does the well have a waterproof steel/brass lock? | <table border="0"> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <table border="0"> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| DOWNHOLE CONDITION: | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <table border="0"> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Measured depth of well from top of well casing: | <u>85.7</u> ft | | | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>27/7</u> % | | | | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <table border="0"> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| 5. Do any obstructions occur within the well? | <table border="0"> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| SECONDARY INSPECTION ITEMS | | | | | |
| WELL ACCESS: | <table border="0" style="width:100%;"> <tr> <td></td> <td align="center">NO</td> <td align="center">YES</td> <td align="center">N/A</td> </tr> </table> | | NO | YES | N/A |
| | NO | YES | N/A | | |
| 1. Does the access road require grading or additional gravel? | <table border="0"> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <table border="0"> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| Explain: _____ | | | | | |
| WELL IDENTIFICATION: | <table border="0" style="width:100%;"> <tr> <td></td> <td align="center">NO</td> <td align="center">YES</td> <td align="center">N/A</td> </tr> </table> | | NO | YES | N/A |
| | NO | YES | N/A | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <table border="0"> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 2. Is the well number legible? | <table border="0"> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 3. Is the well identification number correct? | <table border="0"> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| CONCRETE PAD: | <table border="0" style="width:100%;"> <tr> <td></td> <td align="center">NO</td> <td align="center">YES</td> <td align="center">N/A</td> </tr> </table> | | NO | YES | N/A |
| | NO | YES | N/A | | |
| 1. Is a concrete pad installed (active wells only)? | <table border="0"> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Is the pad cracked or deteriorated? | <table border="0"> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <table border="0"> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| GUARD POSTS: | <table border="0" style="width:100%;"> <tr> <td></td> <td align="center">NO</td> <td align="center">YES</td> <td align="center">N/A</td> </tr> </table> | | NO | YES | N/A |
| | NO | YES | N/A | | |
| 1. Are the guard posts damaged? | <table border="0"> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Are the guardposts positioned to prevent collision damage to well? | <table border="0"> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 3. Are the guardposts of adequate height? | <table border="0"> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 4. Is the high-traffic yellow paint degraded? | <table border="0"> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| WELL MAINTENANCE REQUEST: | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | |
| COMMENTS | | | | | |
| <u>Transducer in well! Hand rag of Bottom</u> | | | | | |

Inspected By: SM/Galen

Inspection Date: 9-19-01

Superintendent Review/Approval: SBWagland

Date: 10/1/01

NOT on Inspection list

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST
#01-090**

| | | | |
|---|--|--|--|
| WELL INFORMATION | | | |
| Well Number: <u>BW-244 ✓</u> | Screen Or Open Interval: <u>28.1</u> | | |
| Site: <u>S-3</u> | Constructed Depth: <u>77.0</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input checked="" type="checkbox"/> PVC | NO YES N/A | | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | | |
| 2. Is the PVC well casing cracked or broken? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 3. Is a protective surface casing installed? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 4. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 5. Is a weep located at the base of the protective casing? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 2. Measured depth of well from top of well casing: | <u>76.3</u> ft | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>0.24</u> % | | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | | |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | | |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO YES N/A | | |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | | |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | NO YES N/A | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | | |
| 2. Is the well number legible? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 3. Is the well identification number correct? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| CONCRETE PAD: | NO YES N/A | | |
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| GUARD POSTS: | NO YES N/A | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | | |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | | |
| WELL MAINTENANCE REQUEST: | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | |
| <input type="checkbox"/> Primary Items | <input checked="" type="checkbox"/> Secondary Items | | |
| Request numbers for maintenance performed on this well: <u>01-BJC-0035</u> | | | |
| COMMENTS | | | |
| <u>Hand tag at bottom</u> | | | |

Inspected By: SP/Seien

Inspection Date: 9-19-01

Superintendent Review/Approval: BB Wayland

Date: 10/11/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
#01-091

| WELL INFORMATION | | | |
|---|---|--|-------------------------------------|
| Well Number: <u>6W-245</u> | Screen Or Open Interval: <u>28.0</u> | | |
| Site: <u>S-3 site</u> | Constructed Depth: <u>71.6</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: | <input type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input checked="" type="checkbox"/> PVC | NO | YES |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Is the PVC well casing cracked or broken? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a protective surface casing installed? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the protective surface casing corroded, bent, or broken? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Is a weep located at the base of the protective casing? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 6. Is the steel, stainless steel, or PVC well casing loose? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>72.5</u> | ft | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>N/A</u> | % | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | | NO | YES |
| 1. Does the access road require grading or additional gravel? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST: | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | |
| <input type="checkbox"/> Primary Items | | <input type="checkbox"/> Secondary Items | |
| Request numbers for maintenance performed on this well: _____ | | | |
| COMMENTS | | | |
| <u>Hard tag of location</u> | | | |
| | | | |
| | | | |

Inspected By: [Signature]

Inspection Date: 9-19-01

Superintendent Review/Approval: [Signature]

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
#01-092

| WELL INFORMATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|-------------------------------------|-------------------------------------|--------------------------|-------------------------------------|---|-------------------------------------|-------------------------------------|-------------------------------------|---|-------------------------------------|-------------------------------------|--------------------------|--|-------------------------------------|-------------------------------------|--------------------------|--|-------------------------------------|-------------------------------------|--------------------------|--|-------------------------------------|-------------------------------------|--------------------------|---|-------------------------------------|-------------------------------------|--------------------------|
| Well Number: <u>110-246</u> ✓ | Screen Or Open Interval: <u>29.1</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Site: <u>S-3 site</u> | Constructed Depth: <u>74.6</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY INSPECTION ITEMS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input checked="" type="checkbox"/> PVC | <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> </thead> <tbody> <tr> <td>1. Is the steel or stainless steel well casing corroded, bent, or broken?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> </tr> <tr> <td>2. Is the PVC well casing cracked or broken?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>3. Is a protective surface casing installed?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>4. Is the protective surface casing corroded, bent, or broken?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>5. Is a weep located at the base of the protective casing?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>6. Is the steel, stainless steel, or PVC well casing loose?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </tbody> </table> | | NO | YES | N/A | 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | 2. Is the PVC well casing cracked or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. Is a protective surface casing installed? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 5. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | NO | YES | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Is the PVC well casing cracked or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Is a protective surface casing installed? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL SECURITY: 1. Does the well have a cap or lid? 2. Does the well have a waterproof steel/brass lock? 3. Are the hasps firmly welded to well cap and/or metal casing? | <table border="1" style="width:100%; border-collapse: collapse;"> <tbody> <tr> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </tbody> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DOWNHOLE CONDITION: 1. Is a measurement reference point marked on the top of the well casing? 2. Measured depth of well from top of well casing: 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length 4. Is this value > 0.2 (represents % of screen or open - hole interval)? 5. Do any obstructions occur within the well? | <table border="1" style="width:100%; border-collapse: collapse;"> <tbody> <tr> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </tbody> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SECONDARY INSPECTION ITEMS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL ACCESS: 1. Does the access road require grading or additional gravel? 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____ | <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> </thead> <tbody> <tr> <td>1. Does the access road require grading or additional gravel?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Do any obstructions (locked gates, fallen trees, etc.) block access to well?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </tbody> </table> | | NO | YES | N/A | 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | |
| | NO | YES | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL IDENTIFICATION: 1. Is a stainless plate with engraved well number attached to the outermost casing? 2. Is the well number legible? 3. Is the well identification number correct? | <table border="1" style="width:100%; border-collapse: collapse;"> <tbody> <tr> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </tbody> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONCRETE PAD: 1. Is a concrete pad installed (active wells only)? 2. Is the pad cracked or deteriorated? 3. Is the pad sloped to prevent water from ponding around the casing? | <table border="1" style="width:100%; border-collapse: collapse;"> <tbody> <tr> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </tbody> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GUARD POSTS: 1. Are the guard posts damaged? 2. Are the guardposts positioned to prevent collision damage to well? 3. Are the guardposts of adequate height? 4. Is the high-traffic yellow paint degraded? | <table border="1" style="width:100%; border-collapse: collapse;"> <tbody> <tr> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </tbody> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL MAINTENANCE REQUEST: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Primary Items <input type="checkbox"/> Secondary Items | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COMMENTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>Hand dug to bottom</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Inspected By: [Signature]

Inspection Date: 9-14-01

Superintendent Review/Approval: [Signature]

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-093

| | | | | | | | |
|---|--------------------------------------|-------------------------------------|--|---|-------------|-----|-----|
| WELL INFORMATION | | | | | | | |
| Well Number: <u>6W-247</u> | Screen Or Open Interval: <u>28.0</u> | | | | | | |
| Site: <u>S-3 site</u> | Constructed Depth: <u>74.90</u> | | | | | | |
| PRIMARY INSPECTION ITEMS | | | | | | | |
| WELL CASINGS: | | <input type="checkbox"/> Steel | <input type="checkbox"/> Stainless Steel | <input checked="" type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 2. Is the PVC well casing cracked or broken? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 3. Is a protective surface casing installed? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 4. Is the protective surface casing corroded, bent, or broken? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 5. Is a weep located at the base of the protective casing? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| WELL SECURITY: | | | | | | | |
| 1. Does the well have a cap or lid? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 2. Does the well have a waterproof steel/brass lock? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| DOWNHOLE CONDITION: | | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 2. Measured depth of well from top of well casing: | | | | | <u>76.5</u> | ft | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | | | | <u>N/A</u> | % | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 5. Do any obstructions occur within the well? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| SECONDARY INSPECTION ITEMS | | | | | | | |
| WELL ACCESS: | | | | | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| Explain: _____ | | | | | | | |
| WELL IDENTIFICATION: | | | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 2. Is the well number legible? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 3. Is the well identification number correct? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| CONCRETE PAD: | | | | | | | |
| 1. Is a concrete pad installed (active wells only)? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 2. Is the pad cracked or deteriorated? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| GUARD POSTS: | | | | | | | |
| 1. Are the guard posts damaged? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 2. Are the guardposts positioned to prevent collision damage to well? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 3. Are the guardposts of adequate height? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 4. Is the high-traffic yellow paint degraded? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| WELL MAINTENANCE REQUEST: | | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | | |
| <input type="checkbox"/> Primary Items <input type="checkbox"/> Secondary Items | | | | | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | | |
| COMMENTS | | | | | | | |
| <u>Hard TAN at Bottom</u> | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Inspected By: SKL

Inspection Date: 8-19-01

Superintendent Review/Approval: BB

Date: 10/1/01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-043

WELL INFORMATION

Well Number: CW-291
Site: 52Screen Or Open Interval: 5.40
Constructed Depth: 49.10

PRIMARY INSPECTION ITEMS

WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC

1. Is the well casing corroded, bent, cracked, or broken?

2. Is the protective surface casing corroded, bent, or broken?

3. Is a weep located at the base of the protective casing?

4. Is the well casing loose?

WELL SECURITY:

1. Does the well have a cap or lid?

2. Does the well have a waterproof steel brass lock?

3. Are the hasps firmly welded to well cap and or metal casing?

4. If flush-mounted, is the traffic cover securely bolted to the christy box?

5. If flush-mounted, is the well cap tight and the rubber seal in good condition?

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)

2. Measured depth of well from top of well casing:

3. Calculate: (Constructed depth - Measured depth) Screen or Open Interval Length

4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?

5. Do any obstructions occur within the well?

SECONDARY INSPECTION ITEMS

WELL ACCESS:

1. Does the access road require grading or additional gravel?

2. Do any obstructions (locked gates, fallen trees, etc.) block access to well?

Explain: _____

WELL IDENTIFICATION:

1. Is a stainless plate with engraved well number attached to the outermost casing?

2. Is the well number legible?

3. Is the well identification number correct?

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?

2. Is the pad cracked or deteriorated?

3. Is the pad sloped to prevent water from ponding around the casing or christy box?

4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?

GUARD POSTS:

1. Are the guard posts damaged?

2. Are the guardposts positioned to prevent collision damage to well?

3. Are the guardposts of adequate height?

4. Is the high-traffic yellow paint degraded?

WELL MAINTENANCE REQUEST

Complete this section if at least one shaded box has a check mark

☐ Primary Items☐ Secondary Items

Maintenance Request Number (from request form): _____

COMMENTS

Bottom of the well, solid or softIs dedicated sampling equipment present? yesapprox. 6" mud on type. Δ TOWW/TOC = ? ft.

Inspection Date

4/24/01

Inspected By

MB/AH

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-094

| WELL INFORMATION | | | |
|---|---|--|-------------------------------------|
| Well Number: <u>CU-253</u> ✓ | Screen Or Open Interval: <u>9.7</u> | | |
| Site: <u>S-2 SH</u> | Constructed Depth: <u>46.7</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: | <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES N/A |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the PVC well casing cracked or broken? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Is a protective surface casing installed? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the protective surface casing corroded, bent, or broken? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | ✓ <u>50.18</u> ft | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>17.4</u> % | | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | | NO | YES N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST: | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | |
| <input type="checkbox"/> Primary Items | | <input type="checkbox"/> Secondary Items | |
| Request numbers for maintenance performed on this well: _____ | | | |
| COMMENTS | | | |
| <u>Hand dug to bottom</u> | | | |
| | | | |
| | | | |

Inspected By: [Signature]

Inspection Date: 9-25-01

Superintendent Review/Approval: [Signature]

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
#01-095

| | | | | | |
|--|---|-------------------------------------|-------------------------------------|-------------------------------------|-----|
| WELL INFORMATION | | | | | |
| Well Number: <u>BW-257</u> | Screen Or Open Interval: <u>10.7</u> | | | | |
| Site: <u>BCB6</u> | Constructed Depth: <u>33.7</u> | | | | |
| PRIMARY INSPECTION ITEMS | | | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | <table border="0" style="width:100%;"> <tr> <td></td> <td align="center">NO</td> <td align="center">YES</td> <td align="center">N/A</td> </tr> </table> | | NO | YES | N/A |
| | NO | YES | N/A | | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <table border="0"> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Is the PVC well casing cracked or broken? | <table border="0"> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 3. Is a protective surface casing installed? | <table border="0"> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 4. Is the protective surface casing corroded, bent, or broken? | <table border="0"> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 5. Is a weep located at the base of the protective casing? | <table border="0"> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <table border="0"> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| WELL SECURITY: | | | | | |
| 1. Does the well have a cap or lid? | <table border="0"> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Does the well have a waterproof steel/brass lock? | <table border="0"> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <table border="0"> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| DOWNHOLE CONDITION: | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <table border="0"> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Measured depth of well from top of well casing: | <u>36.57</u> ft | | | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>0.94</u> % | | | | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <table border="0"> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| 5. Do any obstructions occur within the well? | <table border="0"> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| SECONDARY INSPECTION ITEMS | | | | | |
| WELL ACCESS: | <table border="0" style="width:100%;"> <tr> <td></td> <td align="center">NO</td> <td align="center">YES</td> <td align="center">N/A</td> </tr> </table> | | NO | YES | N/A |
| | NO | YES | N/A | | |
| 1. Does the access road require grading or additional gravel? | <table border="0"> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <table border="0"> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| Explain: _____ | | | | | |
| WELL IDENTIFICATION: | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <table border="0"> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Is the well number legible? | <table border="0"> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 3. Is the well identification number correct? | <table border="0"> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| CONCRETE PAD: | | | | | |
| 1. Is a concrete pad installed (active wells only)? | <table border="0"> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Is the pad cracked or deteriorated? | <table border="0"> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <table border="0"> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| GUARD POSTS: | | | | | |
| 1. Are the guard posts damaged? | <table border="0"> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Are the guardposts positioned to prevent collision damage to well? | <table border="0"> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 3. Are the guardposts of adequate height? | <table border="0"> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 4. Is the high-traffic yellow paint degraded? | <table border="0"> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| WELL MAINTENANCE REQUEST: | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | |
| COMMENTS | | | | | |
| <u>Need to go to bottom</u> | | | | | |

Inspected By: SM/Seaton

Inspection Date: 9-17-01

Superintendent Review/Approval: BBW/Agarwal

Date: 10/11/01

ANNUAL COMPREHENSIVE RCRA POST-CLOSURE

WELL INSPECTION CHECKLIST

#01-096

WELL INFORMATION

Well Number: 640-274 ✓
Site: OSY Beta 4Screen Or Open Interval: 5.4
Constructed Depth: 35.0

PRIMARY INSPECTION ITEMS

WELL CASINGS:

☐ Steel☒ Stainless Steel☐ PVC

NO YES N/A

1. Is the steel or stainless steel well casing corroded, bent, or broken?
2. Is the PVC well casing cracked or broken?
3. Is a protective surface casing installed?
4. Is the protective surface casing corroded, bent, or broken?
5. Is a weep located at the base of the protective casing?
6. Is the steel, stainless steel, or PVC well casing loose?

| | | |
|-------------------------------------|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

WELL SECURITY:

1. Does the well have a cap or lid?
2. Does the well have a waterproof steel/brass lock?
3. Are the hasps firmly welded to well cap and/or metal casing?

| | | |
|--------------------------|-------------------------------------|--------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?
2. Measured depth of well from top of well casing:
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length
4. Is this value > 0.2 (represents % of screen or open - hole interval)?
5. Do any obstructions occur within the well?

| | | |
|-------------------------------------|-------------------------------------|--------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <u>35.0</u> | ft |
| <input type="checkbox"/> | <u>N/A</u> | % |
| <input checked="" type="checkbox"/> | | |
| <input checked="" type="checkbox"/> | | |

1205 3.98
600

SECONDARY INSPECTION ITEMS

WELL ACCESS:

NO YES N/A

1. Does the access road require grading or additional gravel?
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well?

| | | |
|-------------------------------------|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Explain: _____

WELL IDENTIFICATION:

1. Is a stainless plate with engraved well number attached to the outermost casing?
2. Is the well number legible?
3. Is the well identification number correct?

| | | |
|--------------------------|-------------------------------------|--------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?
2. Is the pad cracked or deteriorated?
3. Is the pad sloped to prevent water from ponding around the casing?

| | | |
|-------------------------------------|-------------------------------------|--------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

GUARD POSTS:

1. Are the guard posts damaged?
2. Are the guardposts positioned to prevent collision damage to well?
3. Are the guardposts of adequate height?
4. Is the high-traffic yellow paint degraded?

| | | |
|-------------------------------------|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

WELL MAINTENANCE REQUEST:

Complete only if any of the above shaded yes/no boxes are checked:

☐ Primary Items☐ Secondary Items

Request numbers for maintenance performed on this well: _____

COMMENTS

Hand tag of bottomInspected By: SM/SeaverInspection Date: 9-26-01Superintendent Review/Approval: ASW/ajfDate: 10/1/01

**ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
#01-097

| WELL INFORMATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|-------------------------------------|-------------------------------------|--------------------------|---|-------------------------------------|-------------------------------------|--------------------------|---|-------------------------------------|-------------------------------------|-------------------------------------|--|-------------------------------------|-------------------------------------|--------------------------|--|-------------------------------------|--------------------------|--------------------------|--|--------------------------|--------------------------|-------------------------------------|---|-------------------------------------|--------------------------|--------------------------|
| Well Number: <u>600-275 /</u> | Screen Or Open Interval: <u>10.4</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Site: <u>ESY Site 4</u> | Constructed Depth: <u>65.5</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY INSPECTION ITEMS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th></th> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> <tr> <td>1. Is the steel or stainless steel well casing corroded, bent, or broken?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Is the PVC well casing cracked or broken?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> </tr> <tr> <td>3. Is a protective surface casing installed?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>4. Is the protective surface casing corroded, bent, or broken?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>5. Is a weep located at the base of the protective casing?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> </tr> <tr> <td>6. Is the steel, stainless steel, or PVC well casing loose?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </table> | | NO | YES | N/A | 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2. Is the PVC well casing cracked or broken? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 3. Is a protective surface casing installed? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 5. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | NO | YES | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Is the PVC well casing cracked or broken? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Is a protective surface casing installed? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL SECURITY: | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>1. Does the well have a cap or lid?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Does the well have a waterproof steel/brass lock?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>3. Are the hasps firmly welded to well cap and/or metal casing?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </table> | 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DOWNHOLE CONDITION: | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>1. Is a measurement reference point marked on the top of the well casing?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Measured depth of well from top of well casing:</td> <td align="center"><u>67.5</u></td> <td align="center">ft</td> <td align="center"><u>3.43</u></td> </tr> <tr> <td>3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length</td> <td align="center"><u>1711</u></td> <td align="center">%</td> <td align="center"><u>100</u></td> </tr> <tr> <td>4. Is this value > 0.2 (represents % of screen or open - hole interval)?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>5. Do any obstructions occur within the well?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </table> | 1. Is a measurement reference point marked on the top of the well casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Measured depth of well from top of well casing: | <u>67.5</u> | ft | <u>3.43</u> | 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>1711</u> | % | <u>100</u> | 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Measured depth of well from top of well casing: | <u>67.5</u> | ft | <u>3.43</u> | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SECONDARY INSPECTION ITEMS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL ACCESS: | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th></th> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> <tr> <td>1. Does the access road require grading or additional gravel?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Do any obstructions (locked gates, fallen trees, etc.) block access to well?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </table> | | NO | YES | N/A | 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | |
| | NO | YES | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Explain: _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL IDENTIFICATION: | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>1. Is a stainless plate with engraved well number attached to the outermost casing?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Is the well number legible?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>3. Is the well identification number correct?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </table> | 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONCRETE PAD: | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>1. Is a concrete pad installed (active wells only)?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Is the pad cracked or deteriorated?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>3. Is the pad sloped to prevent water from ponding around the casing?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </table> | 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 3. Is the pad sloped to prevent water from ponding around the casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | |
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GUARD POSTS: | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>1. Are the guard posts damaged?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Are the guardposts positioned to prevent collision damage to well?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>3. Are the guardposts of adequate height?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>4. Is the high-traffic yellow paint degraded?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </table> | 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL MAINTENANCE REQUEST: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COMMENTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>Blank tag of cotton</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Inspected By: SM/Seam

Inspection Date: 9-26-01

Superintendent Review/Approval: BS Wayland

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
#61-098

| WELL INFORMATION | | | | | | |
|---|-------------------------------------|-------------------------------------|--|---|------------------------------|--|
| Well Number: <u>GW-276</u> | Screen Or Open Interval: <u>5.3</u> | | | | | |
| Site: <u>S-3 site</u> | Constructed Depth: <u>19.30 BGS</u> | | | | | |
| PRIMARY INSPECTION ITEMS | | | | | | |
| WELL CASINGS: | | | <input type="checkbox"/> Steel | <input checked="" type="checkbox"/> Stainless Steel | <input type="checkbox"/> PVC | |
| | | | NO | YES | N/A | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Is the PVC well casing cracked or broken? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 3. Is a protective surface casing installed? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 4. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| 5. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| WELL SECURITY: | | | | | | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| DOWNHOLE CONDITION: | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Measured depth of well from top of well casing: | | <u>21.48</u> | ft | | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | <u>N/A</u> | % | | | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| SECONDARY INSPECTION ITEMS | | | | | | |
| WELL ACCESS: | | | NO | YES | N/A | |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| Explain: _____ | | | | | | |
| WELL IDENTIFICATION: | | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| CONCRETE PAD: | | | | | | |
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| GUARD POSTS: | | | | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| WELL MAINTENANCE REQUEST: | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | |
| <input type="checkbox"/> Primary Items | | | <input type="checkbox"/> Secondary Items | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | |
| COMMENTS | | | | | | |
| <u>Hard log of bottom</u> | | | | | | |

Inspected By: [Signature]

Inspection Date: 9-19-01

Superintendent Review/Approval: [Signature]

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST
#01-099**

| WELL INFORMATION | | | |
|---|---|-------------------------------------|-------------------------------------|
| Well Number: <u>GW-289</u> ✓ | Screen Or Open Interval: <u>10.0</u> | | |
| Site: <u>BCBL</u> | Constructed Depth: <u>47.75 BLS</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: | <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES N/A |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the PVC well casing cracked or broken? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Is a protective surface casing installed? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the protective surface casing corroded, bent, or broken? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>43.41</u> | ft | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>n/a</u> | % | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | | NO | YES N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST: | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | |
| <input type="checkbox"/> Primary Items <input type="checkbox"/> Secondary Items | | | |
| Request numbers for maintenance performed on this well: _____ | | | |
| COMMENTS | | | |
| Hard tag of bottom | | | |

Inspected By: SW/Selem

Inspection Date: 9-17-01

Superintendent Review/Approval: BB/Wayland

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
561-100

| | | | |
|--|-------------------------------------|---|--|
| WELL INFORMATION | | | |
| Well Number: <u>GW-291</u> | Screen Or Open Interval: <u>5.0</u> | | |
| Site: <u>BCBL</u> | Constructed Depth: <u>17.44 BGS</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | | NO YES N/A | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| 2. Is the PVC well casing cracked or broken? | | <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> | |
| 3. Is a protective surface casing installed? | | <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> | |
| 4. Is the protective surface casing corroded, bent, or broken? | | <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> | |
| 5. Is a weep located at the base of the protective casing? | | <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | |
| 2. Does the well have a waterproof steel/brass lock? | | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | |
| 2. Measured depth of well from top of well casing: | | <u>20.27</u> ft | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | <u>N/A</u> % | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | | <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> | |
| 5. Do any obstructions occur within the well? | | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | | NO YES N/A | |
| 1. Does the access road require grading or additional gravel? | | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | |
| 2. Is the well number legible? | | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | |
| 3. Is the well identification number correct? | | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | | <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> | |
| 2. Is the pad cracked or deteriorated? | | <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | | <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> | |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| 2. Are the guardposts positioned to prevent collision damage to well? | | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | |
| 3. Are the guardposts of adequate height? | | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | |
| 4. Is the high-traffic yellow paint degraded? | | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| WELL MAINTENANCE REQUEST: | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | |
| <input type="checkbox"/> Primary Items | | <input type="checkbox"/> Secondary Items | |
| Request numbers for maintenance performed on this well: _____ | | | |
| COMMENTS | | | |
| Hard tag of bottom | | | |

Inspected By: SN Scian

Inspection Date: 9-17-01

Superintendent Review/Approval: BB Wayland

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-101

| WELL INFORMATION | | | |
|---|--|--|--|
| Well Number: <u>GB-301 ✓</u> | Screen Or Open Interval: <u>10.0</u> | | |
| Site: <u>CRWP</u> | Constructed Depth: <u>161.00</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO YES N/A | | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 2. Is the PVC well casing cracked or broken? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | | |
| 3. Is a protective surface casing installed? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> | | |
| 4. Is the protective surface casing corroded, bent, or broken? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | | |
| 5. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> | | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 2. Does the well have a waterproof steel/brass lock? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 2. Measured depth of well from top of well casing: | <input checked="" type="checkbox"/> <u>164.50</u> ft | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>N/A</u> % | | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO YES N/A | | |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 2. Is the well number legible? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 3. Is the well identification number correct? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 3. Are the guardposts of adequate height? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| WELL MAINTENANCE REQUEST: | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | |
| <input type="checkbox"/> Primary Items | | <input type="checkbox"/> Secondary Items | |
| Request numbers for maintenance performed on this well: _____ | | | |
| COMMENTS | | | |
| <u>Hand Tag B Bottom</u> | | | |
| | | | |
| | | | |

Inspected By: [Signature]

Inspection Date: 9-24-01

Superintendent Review/Approval: [Signature]

Date: 10/11/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-139

WELL INFORMATION

Well Number: CU-302
Site: UAC site

Screen Or Open Interval: 10.0
Constructed Depth: 139.05

PRIMARY INSPECTION ITEMS

| | | | | | | |
|---|-------------------------------------|--|---|-------------------------------------|-------------------------------------|-------------------------------------|
| WELL CASINGS: | <input type="checkbox"/> Steel | <input type="checkbox"/> Stainless Steel | <input checked="" type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Is the PVC well casing cracked or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a protective surface casing installed? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | | | | |
| 1. Does the well have a cap or lid? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| DOWNHOLE CONDITION: | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | | | | <u>138.02</u> | ft | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | | | <u>0.106</u> | % | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

SECONDARY INSPECTION ITEMS

| | | | |
|---|-------------------------------------|-------------------------------------|--------------------------|
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

WELL MAINTENANCE REQUEST:

Complete only if any of the above shaded yes/no boxes are checked:

☐ Primary Items

☐ Secondary Items

Request numbers for maintenance performed on this well: _____

COMMENTS

Hand Tag of bottom

Inspected By: SM/Seaver

Inspection Date: 9-25-07

Superintendent Review/Approval: HMClaancy

Date: 03/20/02

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO: 01-013

| WELL INFORMATION | | | |
|--|--|---|-------------------------------------|
| Well Number: <u>GW-311 ERS</u> | Screen | Or Open Interval: <u>10.60</u> | |
| Site: <u>RS</u> | Constructed Depth: <u>43.81 43.22 + 0.21</u> | | |
| | | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | | NO | YES |
| | | N/A | |
| 1. Is the well casing corroded, bent, cracked, or broken? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the well casing loose? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/FOWW) | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | | <u>43.73</u> | ft. |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | <u>-0.02</u> | % |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | | NO | YES |
| | | N/A | |
| 1. Does the access road require grading or additional gravel? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Is the well number legible? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Is the well identification number correct? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Are the guardposts of adequate height? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | |
| Complete this section if at least one shaded box has a check mark: | | | |
| <input type="checkbox"/> Primary Items | | <input type="checkbox"/> Secondary Items | |
| Maintenance Request Number (from request form): _____ | | | |
| COMMENTS | | | |
| Bottom of the well: <u>solid</u> or soft? | | Is dedicated sampling equipment present? <u>yes</u> | |
| | | | |
| $\Delta \text{FOWW} / \text{TOC} = \frac{0.02}{0.21} = 0.1$ ft. | | | |

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-011

| WELL INFORMATION | | | | |
|--|---|---|-------------------------------------|-------------------------------------|
| Well Number: <u>CW-315</u> | Screen Or Open Interval: <u>10.00</u> | $105.74 + 0.21 = 105.95$ | | |
| Site: <u>SPI</u> | Constructed Depth: <u>105.74 + 0.21</u> | | | |
| PRIMARY INSPECTION ITEMS | | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | | NO | YES | N/A |
| 1. Is the well casing corroded, bent, cracked, or broken? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the well casing loose? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| WELL SECURITY: | | | | |
| 1. Does the well have a cap or lid? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| DOWNHOLE CONDITION: | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW) | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | | <u>106.14</u> ft. | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | <u>-0.019</u> % | | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | | |
| WELL ACCESS: | | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | | |
| WELL IDENTIFICATION: | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | | |
| 1. Is a concrete pad installed (active wells only)? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| GUARD POSTS: | | | | |
| 1. Are the guard posts damaged? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | | |
| Complete this section if at least one shaded box has a check mark: | | | | |
| <input type="checkbox"/> Primary Items | | <input type="checkbox"/> Secondary Items | | |
| Maintenance Request Number (from request form): _____ | | | | |
| COMMENTS | | | | |
| Bottom of the well: <u>solid</u> or soft? | | Is dedicated sampling equipment present? <u>yes</u> | | |
| | | | | |
| $\Delta \text{TOWW} / \text{TOC} = .21$ ft. | | | | |

Y-12 GWP WIF Rev 5 (2/16/2006)

Inspection Date: 1/29/01

Inspected By: MB/AH

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

101-140

| WELL INFORMATION | | | | | | | |
|---|-----------------|--|---|------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Well Number: | <u>6W-339</u> | Screen Or Open Interval: | <u>10.3</u> | | | | |
| Site: | <u>UNC Site</u> | Constructed Depth: | <u>116.41</u> | | | | |
| PRIMARY INSPECTION ITEMS | | | | | | | |
| WELL CASINGS: | | <input type="checkbox"/> Steel | <input checked="" type="checkbox"/> Stainless Steel | <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the PVC well casing cracked or broken? | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Is a protective surface casing installed? | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the protective surface casing corroded, bent, or broken? | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Is a weep located at the base of the protective casing? | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. Is the steel, stainless steel, or PVC well casing loose? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | | | | | |
| 1. Does the well have a cap or lid? | | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| DOWNHOLE CONDITION: | | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | | <u>✓ 116.20</u> ft | | | | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | <u>0.2</u> % | | | | | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | | | | | |
| WELL ACCESS: | | | | | | | |
| 1. Does the access road require grading or additional gravel? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | | | | | |
| WELL IDENTIFICATION: | | | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | | | | | |
| 1. Is a concrete pad installed (active wells only)? | | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing? | | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| GUARD POSTS: | | | | | | | |
| 1. Are the guard posts damaged? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | | |
| <input type="checkbox"/> Primary Items | | <input type="checkbox"/> Secondary Items | | | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | | |
| COMMENTS | | | | | | | |
| <u>Shovel dug at bottom.</u> | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Inspected By: SP/Shea

Inspection Date: 9-25-01

Superintendent Review/Approval: H. McClancy

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
#01-102

| | | | | | | | |
|---|--|---|--|------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| WELL INFORMATION | | | | | | | |
| Well Number: <u>GW-363</u> | | Screen Or Open Interval: <u>10.0</u> | | | | | |
| Site: <u>OLF</u> | | Constructed Depth: <u>77.5</u> | | | | | |
| PRIMARY INSPECTION ITEMS | | | | | | | |
| WELL CASINGS: | | <input checked="" type="checkbox"/> Steel | <input type="checkbox"/> Stainless Steel | <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the PVC well casing cracked or broken? | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Is a protective surface casing installed? | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the protective surface casing corroded, bent, or broken? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Is a weep located at the base of the protective casing? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. Is the steel, stainless steel, or PVC well casing loose? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | | | | | |
| 1. Does the well have a cap or lid? | | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| DOWNHOLE CONDITION: | | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | | | | | | <u>77.0</u> | ft |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | | | | | <u>.05</u> | % |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | | | | | |
| WELL ACCESS: | | | | | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | | | | | |
| WELL IDENTIFICATION: | | | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | | | | | |
| 1. Is a concrete pad installed (active wells only)? | | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing? | | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| GUARD POSTS: | | | | | | | |
| 1. Are the guard posts damaged? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST: | | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | | |
| <input type="checkbox"/> Primary Items | | <input type="checkbox"/> Secondary Items | | | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | | |
| COMMENTS | | | | | | | |
| <u>Hand dug to bottom</u> | | | | | | | |

Inspected By: SW Schrein

Inspection Date: 9-18-01

Superintendent Review/Approval: ASB Weyland

Date: 10/1/01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-021

| WELL INFORMATION | | | |
|---|--|---|-------------------------------------|
| Well Number: <u>6w-364</u> | Screen Or Open Interval: <u>10.00</u> | | |
| Site: <u>S-3</u> | Constructed Depth: <u>62.34 + 0.21</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the well casing loose? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>63.00</u> ft. | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>0.04</u> % | | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | |
| Complete this section if at least one shaded box has a check mark: | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | |
| Maintenance Request Number (from request form): _____ | | | |
| COMMENTS | | | |
| Bottom of the well: <u>solid</u> or soft? | | Is dedicated sampling equipment present? <u>yes</u> | |
| | | | |
| | | | |
| | | | |
| ΔTOWW/TOC = .21 <input checked="" type="checkbox"/> ft. | | | |

Y-12 GWPP WIF Rev 5 (2/16/2000)

Inspection Date: 3/13/01Inspected By: WMB/AFH

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-034

WELL INFORMATION

Well Number: CW-365
Site: OLFScreen Or Open Interval: 23.30
Constructed Depth: 152.55 + 0.37 = 152.92

PRIMARY INSPECTION ITEMS

WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC

1. Is the well casing corroded, bent, cracked, or broken?

NO YES N/A

2. Is the protective surface casing corroded, bent, or broken?

3. Is a weep located at the base of the protective casing?

4. Is the well casing loose?

WELL SECURITY:

1. Does the well have a cap or lid?

2. Does the well have a waterproof steel brass lock?

3. Are the hasps firmly welded to well cap and or metal casing?

4. If flush-mounted, is the traffic cover securely bolted to the christy box?

5. If flush-mounted, is the well cap tight and the rubber seal in good condition?

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)

2. Measured depth of well from top of well casing:

3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length

4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?

5. Do any obstructions occur within the well?

SECONDARY INSPECTION ITEMS

WELL ACCESS: NO YES N/A

1. Does the access road require grading or additional gravel?

2. Do any obstructions (locked gates, fallen trees, etc.) block access to well?

Explain: _____

WELL IDENTIFICATION:

1. Is a stainless plate with engraved well number attached to the outermost casing?

2. Is the well number legible?

3. Is the well identification number correct?

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?

2. Is the pad cracked or deteriorated?

3. Is the pad sloped to prevent water from ponding around the casing or christy box?

4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?

GUARD POSTS:

1. Are the guard posts damaged?

2. Are the guardposts positioned to prevent collision damage to well?

3. Are the guardposts of adequate height?

4. Is the high-traffic yellow paint degraded?

WELL MAINTENANCE REQUEST

Complete this section if at least one shaded box has a check mark.

☐ Primary Items☐ Secondary Items

Maintenance Request Number (from request form) _____

COMMENTS

Bottom of the well: solid or soft?

Is dedicated sampling equipment present?

 Δ TOWW/(TOC) = .37 ft.

Y-12-GWP-WF Rev 8-99

Inspection Date

3/27/01MB/4U

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO: 01-050

| WELL INFORMATION | | | |
|--|--|---|-------------------------------------|
| Well Number: <u>W-381</u> | Screen Or Open Interval: <u>11.00</u> | | |
| Site: <u>NHP</u> | Constructed Depth: <u>60.32</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | | NO | YES |
| | | N/A | |
| 1. Is the well casing corroded, bent, cracked, or broken? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the well casing loose? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW) | | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | | <u>5/1/02</u> <u>61.00</u> | ft. |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | <u>-0.06</u> | % |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | | NO | YES |
| | | N/A | |
| 1. Does the access road require grading or additional gravel? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Is the well number legible? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Is the well identification number correct? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Are the guardposts of adequate height? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | |
| Complete this section if at least one shaded box has a check mark: | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | |
| Maintenance Request Number (from request form): _____ | | | |
| COMMENTS | | | |
| Bottom of the well: <u>solid</u> or soft? | | Is dedicated sampling equipment present? <u>yes</u> | |
| <u>no rubber seal</u> | | | |
| | | | |
| | | | |
| ΔTOWW/TOC = <u>NA</u> ft. | | | |

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-141

| WELL INFORMATION | | | | | | |
|---|---|-------------------------------------|-------------------------------------|-----|--|--|
| Well Number: <u>HL-382</u> | Screen Or Open Interval: <u>10.0</u> | | | | | |
| Site: <u>Alameda Ridge Road</u> | Constructed Depth: <u>173.0</u> | | | | | |
| PRIMARY INSPECTION ITEMS | | | | | | |
| WELL CASINGS: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>NO</td> <td>YES</td> <td>N/A</td> </tr> </table> | NO | YES | N/A | | |
| NO | YES | N/A | | | | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Is the PVC well casing cracked or broken? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 3. Is a protective surface casing installed? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 4. Is the protective surface casing corroded, bent, or broken? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 5. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| WELL SECURITY: | | | | | | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| DOWNHOLE CONDITION: | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Measured depth of well from top of well casing: | ✓ <u>171.7</u> | | ft | | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>.14</u> | | % | | | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| SECONDARY INSPECTION ITEMS | | | | | | |
| WELL ACCESS: | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>NO</td> <td>YES</td> <td>N/A</td> </tr> </table> | NO | YES | N/A | | |
| NO | YES | N/A | | | | |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| Explain: _____ | | | | | | |
| WELL IDENTIFICATION: | | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| CONCRETE PAD: | | | | | | |
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 2. Is the pad cracked or deteriorated? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| GUARD POSTS: | | | | | | |
| 1. Are the guard posts damaged? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 4. Is the high-traffic yellow paint degraded? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| WELL MAINTENANCE REQUEST: | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | |
| COMMENTS | | | | | | |
| <u>Flush Monitor Hand Log of water</u> | | | | | | |
| | | | | | | |
| | | | | | | |

Inspected By: SM Keen Inspection Date: 9-25-01

Superintendent Review/Approval: H. Clancy Date: 03/20/02

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-048

WELL INFORMATION

Well Number: W-383
Site: NHPScreen Or Open Interval: 5.00
Constructed Depth: 25.4 + 0.14

PRIMARY INSPECTION ITEMS

WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC

| | NO | YES | N/A |
|--|-------------------------------------|--------------------------|-------------------------------------|
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

WELL SECURITY:

| | NO | YES | N/A |
|---|--------------------------|-------------------------------------|-------------------------------------|
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

DOWNHOLE CONDITION:

| | NO | YES | N/A |
|--|-------------------------------------|-------------------------------------|--------------------------|
| 1. Is a measurement reference point marked on the top of the well casing? (TOC (TOWW)) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | | <u>26.71</u> ft. | |
| 3. Calculate: (Constructed depth - Measured depth) Screen or Open Interval Length | | <u>-0.19</u> % | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

SECONDARY INSPECTION ITEMS

WELL ACCESS:

| | NO | YES | N/A |
|---|-------------------------------------|--------------------------|--------------------------|
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Explain: _____

WELL IDENTIFICATION:

| | NO | YES | N/A |
|---|--------------------------|-------------------------------------|--------------------------|
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

CONCRETE PAD:

| | NO | YES | N/A |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

GUARD POSTS:

| | NO | YES | N/A |
|---|-------------------------------------|-------------------------------------|--------------------------|
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

WELL MAINTENANCE REQUEST

Complete this section if at least one shaded box has a check mark.

☐ Primary Items☐ Secondary Items

Maintenance Request Number (from request form): _____

COMMENTS

Bottom of the well: solid or soft?Is dedicated sampling equipment present? yes Δ TOWW/TOC = .14 ft.9/30/01RB/AH

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-035

| WELL INFORMATION | | | |
|---|---|-------------------------------------|-------------------------------------|
| Well Number: <u>GW-514</u> | Screen Or Open Interval: <u>21.00</u> | | |
| Site: <u>FCAP</u> | Constructed Depth: <u>147.56 + 0.36 = 147.92</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>117.10</u> | | ft. |
| 3. Calculate: (Constructed depth - Measured depth) Screen or Open Interval Length | <u>0.4</u> | | % |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Explain: <u>second road in to well area, has tree down across road, old road pretty steep!</u> | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | |
| Complete this section if at least one shaded box has a check mark: | | | |
| <input type="checkbox"/> Primary Items | <input checked="" type="checkbox"/> Secondary Items | | |
| Maintenance Request Number (from request form): <u>02-0015, 02-0025</u> | | | |
| COMMENTS | | | |
| Bottom of the well <u>solid</u> or soft? Is dedicated sampling equipment present? | | | |
| | | | |
| | | | |
| | | | |
| $\Delta TOWW / TOC = .36$ ft. | | | |

Inspection Date

3/28/01

Inspected By:

MB/SBS

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
#01-103

| | | | |
|---|---|--|--------------------------|
| WELL INFORMATION | | | |
| Well Number: <u>G1N-514 ✓</u> | Screen Or Open Interval: <u>10.0</u> | | |
| Site: <u>Ash Disposal Basin</u> | Constructed Depth: <u>192.56</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: | <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the PVC well casing cracked or broken? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a protective surface casing installed? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the protective surface casing corroded, bent, or broken? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Is a weep located at the base of the protective casing? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 6. Is the steel, stainless steel, or PVC well casing loose? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | | <u>192.70</u> ft | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | <u>.086</u> % | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | | NO | YES |
| 1. Does the access road require grading or additional gravel? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST: | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | |
| <input type="checkbox"/> Primary Items | | <input type="checkbox"/> Secondary Items | |
| Request numbers for maintenance performed on this well: _____ | | | |
| COMMENTS | | | |
| <u>Hand Tag of Bottom</u> | | | |

Inspected By: Jan Mitchell

Inspection Date: 9-13-01

Superintendent Review/Approval: B. S. Taylor

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-104

| WELL INFORMATION | | | |
|---|--|--|--|
| Well Number: <u>GW-521</u> | Screen Or Open Interval: <u>10.3</u> | | |
| Site: <u>Landfill, IL</u> | Constructed Depth: <u>135.6</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO YES N/A | | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 2. Is the PVC well casing cracked or broken? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | | |
| 3. Is a protective surface casing installed? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> | | |
| 4. Is the protective surface casing corroded, bent, or broken? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | | |
| 5. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> | | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 2. Does the well have a waterproof steel/brass lock? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 2. Measured depth of well from top of well casing: | <u>136.90</u> ft | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>~1%</u> % | | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO YES N/A | | |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 2. Is the well number legible? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 3. Is the well identification number correct? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 2. Is the pad cracked or deteriorated? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 3. Are the guardposts of adequate height? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| WELL MAINTENANCE REQUEST | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | |
| <input type="checkbox"/> Primary Items | <input checked="" type="checkbox"/> Secondary Items | | |
| Request numbers for maintenance performed on this well: <u>01-BSC-0045</u> | | | |
| COMMENTS | | | |
| <u>Hard tag of bottom. Pad is cracked!</u> | | | |

Inspected By: [Signature]

Inspection Date: 9-24-01

Superintendent Review Approval: [Signature]

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
#01-142

| WELL INFORMATION | | | |
|--|---|--|-------------------------------------|
| Well Number: <u>6110-526</u> | Screen Or Open Interval: <u>22.0</u> | | |
| Site: <u>S-3 Site</u> | Constructed Depth: <u>125.10</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the PVC well casing cracked or broken? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Is a protective surface casing installed? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the protective surface casing corroded, bent, or broken? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | $\checkmark \frac{122.7 - 124.6}{94.01} = 0.2$ ft % | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST: | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | |
| <input type="checkbox"/> Primary Items | | <input type="checkbox"/> Secondary Items | |
| Request numbers for maintenance performed on this well: _____ | | | |
| COMMENTS | | | |
| | | | |
| | | | |
| | | | |

Inspected By: [Signature]

Inspection Date: 9-19-01

Superintendent Review/Approval: [Signature]

Date: 03/20/02

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-016

WELL INFORMATION

Well Number: W-537
Site: OLFScreen Or Open Interval: 15.00
Constructed Depth: 25.05 + 0.15 = 25.20

PRIMARY INSPECTION ITEMS

WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC

- | | NO | YES | N/A |
|--|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the well casing loose? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

WELL SECURITY:

- | | NO | YES | N/A |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Does the well have a cap or lid? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

DOWNHOLE CONDITION:

- | | NO | YES | N/A |
|--|-------------------------------------|-------------------------------------|--------------------------|
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>27.48</u> ft. | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>-0.152</u> % | | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

SECONDARY INSPECTION ITEMS

WELL ACCESS:

- | | NO | YES | N/A |
|---|-------------------------------------|-------------------------------------|--------------------------|
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Explain: _____

WELL IDENTIFICATION:

- | | NO | YES | N/A |
|---|-------------------------------------|-------------------------------------|--------------------------|
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

CONCRETE PAD:

- | | NO | YES | N/A |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Is a concrete pad installed (active wells only)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

GUARD POSTS:

- | | NO | YES | N/A |
|---|-------------------------------------|-------------------------------------|--------------------------|
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

WELL MAINTENANCE REQUEST

Complete this section if at least one shaded box has a check mark:

☐ Primary Items☐ Secondary Items

Maintenance Request Number (from request form): _____

COMMENTS

Bottom of the well: solid or soft?Is dedicated sampling equipment present? yes $\Delta TOWW/TOC = .15$ ft.Inspection Date: 2/6/01Inspected By: MD/AH

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-105

| | | | | | |
|--|--|-------------------------------------|-------------------------------------|--------------------------|-----|
| WELL INFORMATION | | | | | |
| Well Number: <u>3W-557</u> | Screen Or Open Interval: <u>20.0</u> | | | | |
| Site: <u>Long Hill II</u> | Constructed Depth: <u>135.75</u> | | | | |
| PRIMARY INSPECTION ITEMS | | | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | <table border="0" style="width:100%;"> <tr> <td></td> <td align="center">NO</td> <td align="center">YES</td> <td align="center">N/A</td> </tr> </table> | | NO | YES | N/A |
| | NO | YES | N/A | | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <table border="0"> <tr> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Is the PVC well casing cracked or broken? | <table border="0"> <tr> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 3. Is a protective surface casing installed? | <table border="0"> <tr> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 4. Is the protective surface casing corroded, bent, or broken? | <table border="0"> <tr> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 5. Is a weep located at the base of the protective casing? | <table border="0"> <tr> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <table border="0"> <tr> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| WELL SECURITY: | | | | | |
| 1. Does the well have a cap or lid? | <table border="0"> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Does the well have a waterproof steel/brass lock? | <table border="0"> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <table border="0"> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| DOWNHOLE CONDITION: | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <table border="0"> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Measured depth of well from top of well casing: | <u>135.80</u> ft | | | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | _____ % | | | | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <table border="0"> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| 5. Do any obstructions occur within the well? | <table border="0"> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| SECONDARY INSPECTION ITEMS | | | | | |
| WELL ACCESS: | <table border="0" style="width:100%;"> <tr> <td></td> <td align="center">NO</td> <td align="center">YES</td> <td align="center">N/A</td> </tr> </table> | | NO | YES | N/A |
| | NO | YES | N/A | | |
| 1. Does the access road require grading or additional gravel? | <table border="0"> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <table border="0"> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| Explain: _____ | | | | | |
| WELL IDENTIFICATION: | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <table border="0"> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Is the well number legible? | <table border="0"> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 3. Is the well identification number correct? | <table border="0"> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| CONCRETE PAD: | | | | | |
| 1. Is a concrete pad installed (active wells only)? | <table border="0"> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Is the pad cracked or deteriorated? | <table border="0"> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <table border="0"> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| GUARD POSTS: | | | | | |
| 1. Are the guard posts damaged? | <table border="0"> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Are the guardposts positioned to prevent collision damage to well? | <table border="0"> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 3. Are the guardposts of adequate height? | <table border="0"> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 4. Is the high-traffic yellow paint degraded? | <table border="0"> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| WELL MAINTENANCE REQUEST: | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | |
| COMMENTS | | | | | |
| <u>Hand dug to bottom</u> | | | | | |
| | | | | | |
| | | | | | |

Inspected By: Jim Mitchell

Inspection Date: 2-13-01

Superintendent Review/Approval: B. Br. [Signature]

Date: 10/1/01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 61-038

WELL INFORMATION

Well Number: 6W-569Screen Or Open Interval: 23.0'

Site: _____

Constructed Depth: 117.9 + 0.57 = 118.47

PRIMARY INSPECTION ITEMS

WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC

1. Is the well casing corroded, bent, cracked, or broken?
2. Is the protective surface casing corroded, bent, or broken?
3. Is a weep located at the base of the protective casing?
4. Is the well casing loose?

| NO | YES | N/A |
|-------------------------------------|--------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

WELL SECURITY:

1. Does the well have a cap or lid?
2. Does the well have a waterproof steel/brass lock?
3. Are the hasps firmly welded to well cap and or metal casing?
4. If flush-mounted, is the traffic cover securely bolted to the christy box?
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?

| NO | YES | N/A |
|--------------------------|-------------------------------------|-------------------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing? (TOC TOWW)
2. Measured depth of well from top of well casing: 113.67 ft.
3. Calculate: (Constructed depth - Measured depth) Screen or Open Interval Length 0.21 %
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?
5. Do any obstructions occur within the well?

| NO | YES | N/A |
|-------------------------------------|-------------------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

SECONDARY INSPECTION ITEMS

WELL ACCESS:

1. Does the access road require grading or additional gravel?
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well?

| NO | YES | N/A |
|-------------------------------------|--------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Explain: _____

WELL IDENTIFICATION:

1. Is a stainless plate with engraved well number attached to the outermost casing?
2. Is the well number legible?
3. Is the well identification number correct?

| NO | YES | N/A |
|--------------------------|-------------------------------------|--------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?
2. Is the pad cracked or deteriorated?
3. Is the pad sloped to prevent water from ponding around the casing or christy box?
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?

| NO | YES | N/A |
|-------------------------------------|--------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

GUARD POSTS:

1. Are the guard posts damaged?
2. Are the guardposts positioned to prevent collision damage to well?
3. Are the guardposts of adequate height?
4. Is the high-traffic yellow paint degraded?

| NO | YES | N/A |
|--------------------------|--------------------------|-------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

WELL MAINTENANCE REQUEST

Complete this section if at least one shaded box has a check mark

☐ Primary Items☐ Secondary Items

Maintenance Request Number (from request form) _____

COMMENTS

Bottom of the well: solid or soft?

Is dedicated sampling equipment present? yesNo guard posts, difficult accessΔTOWW TOC = .57 ft.

Inspection Date:

4/4/01MB/AH

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-106

| WELL INFORMATION | | | | | | |
|---|--------------------------------------|-------------------------------------|--|---|-------------------------------------|--|
| Well Number: <u>W-605</u> | Screen Or Open Interval: <u>10.0</u> | | | | | |
| Site: <u>New Hope Pond</u> | Constructed Depth: <u>40.5</u> | | | | | |
| PRIMARY INSPECTION ITEMS | | | | | | |
| WELL CASINGS: | | | <input type="checkbox"/> Steel | <input checked="" type="checkbox"/> Stainless Steel | <input type="checkbox"/> PVC | |
| | | | NO | YES | N/A | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the PVC well casing cracked or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is a protective surface casing installed? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 5. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| WELL SECURITY: | | | | | | |
| 1. Does the well have a cap or lid? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Does the well have a waterproof steel/brass lock? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| DOWNHOLE CONDITION: | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Measured depth of well from top of well casing: | <u>41.0</u> | | | | ft | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>~74</u> | | | | % | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| SECONDARY INSPECTION ITEMS | | | | | | |
| WELL ACCESS: | | | NO | YES | N/A | |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Explain: _____ | | | | | | |
| WELL IDENTIFICATION: | | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the well number legible? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is the well identification number correct? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| CONCRETE PAD: | | | | | | |
| 1. Is a concrete pad installed (active wells only)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the pad cracked or deteriorated? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| GUARD POSTS: | | | | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 3. Are the guardposts of adequate height? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| WELL MAINTENANCE REQUEST: | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | |
| <input type="checkbox"/> Primary Items | | | <input type="checkbox"/> Secondary Items | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | |
| COMMENTS | | | | | | |
| <u>Well Wizard - needs need to be cut</u> | | | | | | |
| <u>Band tag of bottom</u> | | | | | | |

Inspected By: SM/Sullivan

Inspection Date: 9.24.01

Superintendent Review/Approval: AS Wayland

Date: 10/1/02

1-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST
#01-107

| | |
|---|--|
| WELL INFORMATION | |
| Well Number: <u>GW-606</u> | Screen Or Open Interval: <u>10.0</u> |
| Site: <u>New Hope Pond</u> | Constructed Depth: <u>175.0</u> |
| PRIMARY INSPECTION ITEMS | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC NO YES N/A | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Is the PVC well casing cracked or broken? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| 3. Is a protective surface casing installed? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> |
| 4. Is the protective surface casing corroded, bent, or broken? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| 5. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| WELL SECURITY: | |
| 1. Does the well have a cap or lid? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| DOWNHOLE CONDITION: | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>173.85</u> ft |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>.115</u> % |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | |
| WELL ACCESS: NO YES N/A | |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| Explain: _____ | |
| WELL IDENTIFICATION: | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Is the well number legible? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| CONCRETE PAD: | |
| 1. Is a concrete pad installed (active wells only)? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| GUARD POSTS: | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST: | |
| Complete only if any of the above shaded yes/no boxes are checked: | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items |
| Request numbers for maintenance performed on this well: _____ | |
| COMMENTS | |
| <u>Hand tag at bottom</u> | |

Inspected By: SMC

Inspection Date: 9-28-07

Superintendent Review/Approval: BBW

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-108

| WELL INFORMATION | | | | | | |
|---|--------------------------------------|--|---|--|------------------------------|--|
| Well Number: | <u>6W-608 ✓</u> | | Screen Or Open Interval: | <u>NOT IN DATABASE</u> | | |
| Site: | <u>Chestnut Ridge Security, Inc.</u> | | Constructed Depth: | <u>222.55</u> | | |
| PRIMARY INSPECTION ITEMS | | | | | | |
| WELL CASINGS: | | | <input checked="" type="checkbox"/> Steel | <input type="checkbox"/> Stainless Steel | <input type="checkbox"/> PVC | |
| | | | NO | YES | N/A | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the PVC well casing cracked or broken? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is a protective surface casing installed? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. Is the protective surface casing corroded, bent, or broken? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 5. Is a weep located at the base of the protective casing? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| WELL SECURITY: | | | | | | |
| 1. Does the well have a cap or lid? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Does the well have a waterproof steel/brass lock? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| DOWNHOLE CONDITION: | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Measured depth of well from top of well casing: | | | <u>220.0</u> | | ft | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | | <u>N/A</u> | | % | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 5. Do any obstructions occur within the well? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| SECONDARY INSPECTION ITEMS | | | | | | |
| WELL ACCESS: | | | NO | YES | N/A | |
| 1. Does the access road require grading or additional gravel? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Explain: _____ | | | | | | |
| WELL IDENTIFICATION: | | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the well number legible? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is the well identification number correct? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| CONCRETE PAD: | | | | | | |
| 1. Is a concrete pad installed (active wells only)? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the pad cracked or deteriorated? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| GUARD POSTS: | | | | | | |
| 1. Are the guard posts damaged? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Are the guardposts positioned to prevent collision damage to well? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Are the guardposts of adequate height? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. Is the high-traffic yellow paint degraded? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| WELL MAINTENANCE REQUEST: | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | |
| <input type="checkbox"/> Primary Items | | | <input type="checkbox"/> Secondary Items | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | |
| COMMENTS | | | | | | |
| <u>Hand TAP of Bottom</u> | | | | | | |
| | | | | | | |
| | | | | | | |

Inspected By: SK

Inspection Date: 9-29-01

Superintendent Review/Approval: BSB

Date: 10/1/01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-038

WELL INFORMATION

Well Number: Aw-608
Site: CRSPScreen Or Open Interval: 70.00
Constructed Depth: 223.00 + 1.43 = 224.43

PRIMARY INSPECTION ITEMS

WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC

1. Is the well casing corroded, bent, cracked, or broken?
2. Is the protective surface casing corroded, bent, or broken?
3. Is a weep located at the base of the protective casing?
4. Is the well casing loose?

| NO | YES | N/A |
|-------------------------------------|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

WELL SECURITY:

1. Does the well have a cap or lid?
2. Does the well have a waterproof steel brass lock?
3. Are the hasps firmly welded to well cap and or metal casing?
4. If flush-mounted, is the traffic cover securely bolted to the christy box?
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?

| NO | YES | N/A |
|--------------------------|-------------------------------------|-------------------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing? (TOC TOWW)
2. Measured depth of well from top of well casing: 221.02 ft.
3. Calculate: (Constructed depth - Measured depth) Screen or Open Interval Length 3.048 %
4. Is this value ≥ 0.2 (20% of screen or open-hole interval under sediment)?
5. Do any obstructions occur within the well?

| NO | YES | N/A |
|-------------------------------------|-------------------------------------|--------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

SECONDARY INSPECTION ITEMS

WELL ACCESS:

| NO | YES | N/A |
|----|-----|-----|
|----|-----|-----|

1. Does the access road require grading or additional gravel?
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well?

| | | |
|-------------------------------------|--------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Explain: _____

WELL IDENTIFICATION:

1. Is a stainless plate with engraved well number attached to the outermost casing?
2. Is the well number legible?
3. Is the well identification number correct?

| | | |
|--------------------------|-------------------------------------|--------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?
2. Is the pad cracked or deteriorated?
3. Is the pad sloped to prevent water from ponding around the casing or christy box?
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?

| | | |
|-------------------------------------|-------------------------------------|-------------------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

GUARD POSTS:

1. Are the guard posts damaged?
2. Are the guardposts positioned to prevent collision damage to well?
3. Are the guardposts of adequate height?
4. Is the high-traffic yellow paint degraded?

| | | |
|-------------------------------------|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

WELL MAINTENANCE REQUEST

Complete this section if at least one shaded box has a check mark:

☐ Primary Items☐ Secondary Items

Maintenance Request Number (from request form): _____

COMMENTS

Bottom of the well solid or soft

Is dedicated sampling equipment present?

 Δ TOWW TOC = 1.43 ft.
141.43Inspection Date: 3/21/01Inspected By: MB/AH

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST
#01-109**

| | |
|---|--|
| WELL INFORMATION | |
| Well Number: <u>60-6091</u> | Screen Or Open Interval: <u>10.3</u> |
| Site: <u>Chemistry Bldg</u> | Constructed Depth: <u>269.00</u> |
| PRIMARY INSPECTION ITEMS | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC NO YES N/A | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Is the PVC well casing cracked or broken? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| 3. Is a protective surface casing installed? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> |
| 4. Is the protective surface casing corroded, bent, or broken? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| 5. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| WELL SECURITY: | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| DOWNHOLE CONDITION: | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <input checked="" type="checkbox"/> <u>269.50</u> ft |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>10.5</u> % |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | |
| WELL ACCESS: NO YES N/A | |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| Explain: _____ | |
| WELL IDENTIFICATION: | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Is the well number legible? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| CONCRETE PAD: | |
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| GUARD POSTS: | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST: | |
| Complete only if any of the above shaded yes/no boxes are checked: | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items |
| Request numbers for maintenance performed on this well: _____ | |
| COMMENTS | |
| <u>Hand log of action</u> | |
| | |
| | |

Inspected By: SM Kersen

Inspection Date: 9-25-01

Superintendent Review/Approval: BS Wayland

Date: 10/1/01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO: 01-034

| | |
|---|---|
| WELL INFORMATION Well Number: <u>W-612</u> Site: <u>CRSP</u> | Screen Or Open Interval: <u>23.00</u> Constructed Depth: <u>254.38 + 0.34 = 254.74</u> |
|---|---|

| PRIMARY INSPECTION ITEMS | | | |
|--|-------------------------------------|-------------------------------------|-------------------------------------|
| WELL CASINGS: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the well casing loose? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel brass lock? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and or metal casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>256.27 - 254.38 = 1.89 ft.</u> | | |
| 3. Calculate: (Constructed depth - Measured depth) Screen or Open Interval Length | <u>0.02</u> % | | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

| SECONDARY INSPECTION ITEMS | | | |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

| WELL MAINTENANCE REQUEST | |
|---|--|
| Complete this section if at least one shaded box has a check mark | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items |
| Maintenance Request Number (from request form) _____ | |

| COMMENTS | |
|---|---|
| Bottom of the well. <u>solid</u> or soft? | Is dedicated sampling equipment present? <u>yes</u> |
| | |
| | |
| $\Delta TOWW / TOC = .36$ ft. | |

Inspection Date 3/29/01

Inspected By: MB/AH

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
#01-110

| | |
|--|--|
| WELL INFORMATION | |
| Well Number: <u>GW-615 ✓</u> | Screen Or Open Interval: <u>NOT IN DATA BASE</u> |
| Site: <u>S-3 Site</u> | Constructed Depth: <u>247.58</u> |
| PRIMARY INSPECTION ITEMS | |
| WELL CASINGS: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | |
| | NO YES N/A |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 2. Is the PVC well casing cracked or broken? | <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> |
| 3. Is a protective surface casing installed? | <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> |
| 4. Is the protective surface casing corroded, bent, or broken? | <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> |
| 5. Is a weep located at the base of the protective casing? | <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| WELL SECURITY: | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| DOWNHOLE CONDITION: | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>246.90</u> ft |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>1/4</u> % |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | |
| WELL ACCESS: | |
| | NO YES N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| Explain: _____ | |
| WELL IDENTIFICATION: | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <i>Handwritten: 9-19-01</i> |
| 2. Is the well number legible? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| CONCRETE PAD: | |
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| GUARD POSTS: | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST: | |
| Complete only if any of the above shaded yes/no boxes are checked: | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items |
| Request numbers for maintenance performed on this well: _____ | |
| COMMENTS | |
| <u>Hand Tied at Bottom</u> | |

Inspected By: SM Soliman

Inspection Date: 9-19-01

Superintendent Review/Approval: BB Whelan

Date: 10/11/02

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO: 01-033

WELL INFORMATION

Well Number: GW-616
 Site: S-3

Screen Or Open Interval: 49.90
 Constructed Depth: 271.00 + 0.39 = 271.39

PRIMARY INSPECTION ITEMS

WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC

- | | NO | YES | N/A |
|--|-------------------------------------|-------------------------------------|--------------------------|
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

WELL SECURITY:

- | | NO | YES | N/A |
|---|--------------------------|-------------------------------------|-------------------------------------|
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

DOWNHOLE CONDITION:

- | | | | |
|--|-------------------------------------|-------------------------------------|--------------------------|
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>270.47</u> | ft. | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>0.02</u> | % | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

SECONDARY INSPECTION ITEMS

WELL ACCESS:

- | | NO | YES | N/A |
|---|-------------------------------------|-------------------------------------|--------------------------|
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Explain: several items stacked in front of well! - Not a maint. item ERS-03/25/02

WELL IDENTIFICATION:

- | | NO | YES | N/A |
|---|--------------------------|-------------------------------------|--------------------------|
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

CONCRETE PAD:

- | | NO | YES | N/A |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

GUARD POSTS:

- | | NO | YES | N/A |
|---|-------------------------------------|-------------------------------------|--------------------------|
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

WELL MAINTENANCE REQUEST

Complete this section if at least one shaded box has a check mark

☐ Primary Items ☐ Secondary Items

Maintenance Request Number (from request form): _____

COMMENTS

Bottom of the well: solid or soft Is dedicated sampling equipment present? yes

$\Delta TOWW / TOC = 0.02$ 0.39

Inspection Date

3/27/01

Inspected By:

MB/AH

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-143

| WELL INFORMATION | | | | |
|---|---|-------------------------------------|-------------------------------------|------------|
| Well Number: <u>G-2-6/8</u> | Screen Or Open Interval: <u>10.3</u> | | | |
| Site: <u>ERT Highway Tunnel-E</u> | Constructed Depth: <u>39.30</u> | | | |
| PRIMARY INSPECTION ITEMS | | | | |
| WELL CASINGS: | <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the PVC well casing cracked or broken? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 3. Is a protective surface casing installed? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 4. Is the protective surface casing corroded, bent, or broken? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 5. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| WELL SECURITY: | | | | |
| 1. Does the well have a cap or lid? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Does the well have a waterproof steel/brass lock? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| DOWNHOLE CONDITION: | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Measured depth of well from top of well casing: | ✓ <u>38.5</u> | | | ft |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>.07</u> | | | % |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| SECONDARY INSPECTION ITEMS | | | | |
| WELL ACCESS: | | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Explain: _____ | | | | |
| WELL IDENTIFICATION: | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the well number legible? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is the well identification number correct? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| CONCRETE PAD: | | | | |
| 1. Is a concrete pad installed (active wells only)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| GUARD POSTS: | | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Are the guardposts of adequate height? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| WELL MAINTENANCE REQUEST | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | |
| <input type="checkbox"/> Primary Items <input type="checkbox"/> Secondary Items | | | | |
| Request numbers for maintenance performed on this well: _____ | | | | |
| COMMENTS | | | | |
| Hand log of bottom | | | | |

Inspected By: SM/Kucen

Inspection Date: 9-26-01

Superintendent Review/Approval: H. McClanay

Date: 03/20/02

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-045

WELL INFORMATION

Well Number: CW-620
Site: FTFScreen Or Open Interval: 10.80
Constructed Depth: 77.50 + 0.14 = 77.64

PRIMARY INSPECTION ITEMS

WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC

1. Is the well casing corroded, bent, cracked, or broken?

2. Is the protective surface casing corroded, bent, or broken?

3. Is a weep located at the base of the protective casing?

4. Is the well casing loose?

WELL SECURITY:

1. Does the well have a cap or lid?

2. Does the well have a waterproof steel/brass lock?

3. Are the hasps firmly welded to well cap and/or metal casing?

4. If flush-mounted, is the traffic cover securely bolted to the christy box?

5. If flush-mounted, is the well cap tight and the rubber seal in good condition?

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing? (TOC TOWW)

2. Measured depth of well from top of well casing:

3. Calculate: (Constructed depth - Measured depth) Screen or Open Interval Length

4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?

5. Do any obstructions occur within the well?

SECONDARY INSPECTION ITEMS

WELL ACCESS:

1. Does the access road require grading or additional gravel?

2. Do any obstructions (locked gates, fallen trees, etc.) block access to well?

Explain: _____

WELL IDENTIFICATION:

1. Is a stainless plate with engraved well number attached to the outermost casing?

2. Is the well number legible?

3. Is the well identification number correct?

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?

2. Is the pad cracked or deteriorated?

3. Is the pad sloped to prevent water from ponding around the casing or christy box?

4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?

GUARD POSTS:

1. Are the guard posts damaged?

2. Are the guardposts positioned to prevent collision damage to well?

3. Are the guardposts of adequate height?

4. Is the high-traffic yellow paint degraded?

WELL MAINTENANCE REQUEST

Complete this section if at least one shaded box has a check mark

☐ Primary Items☐ Secondary Items

Maintenance Request Number (from request form) _____

COMMENTS

Bottom of the well: solid or (soft)?

Is dedicated sampling equipment present? yes $\Delta TOWW / TOC = .14$ ft.4/25/01MB/AH

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-019

| WELL INFORMATION | | | |
|---|--|---|-------------------------------------|
| Well Number: <u>W-627</u> | Screen Or <u>Open</u> Interval: <u>14.00</u> | | |
| Site: <u>BS</u> | Constructed Depth: <u>272.44 + 0.48</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/ <u>TOWW</u>) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>271.45</u> ft. | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>0.093</u> % | | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | |
| Complete this section if at least one shaded box has a check mark: | | | |
| <input type="checkbox"/> Primary Items | | <input type="checkbox"/> Secondary Items | |
| Maintenance Request Number (from request form): _____ | | | |
| COMMENTS | | | |
| Bottom of the well: <u>solid</u> or soft? | | Is dedicated sampling equipment present? <u>yes</u> | |
| | | | |
| | | | |
| <u>ΔTOWW</u> / TOC = .48 ft. | | | |

Inspection Date: 2/13/01Inspected By: MB/AH

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

EMWMF

#01-1434

| WELL INFORMATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|-------------------------------------|-------------------------------------|-------------------------------------|---|-------------------------------------|-------------------------------------|--------------------------|---|-------------------------------------|-------------------------------------|-------------------------------------|--|-------------------------------------|--------------------------|-------------------------------------|--|-------------------------------------|--------------------------|-------------------------------------|--|--------------------------|--------------------------|-------------------------------------|---|-------------------------------------|--------------------------|--------------------------|
| Well Number: <u>GW-639</u> | Screen Or Open Interval: <u>N/A</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Site: <u>D-CELL EMWMF</u> | Constructed Depth: <u>125.50</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY INSPECTION ITEMS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL CASINGS: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> </thead> <tbody> <tr> <td>1. Is the steel or stainless steel well casing corroded, bent, or broken?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Is the PVC well casing cracked or broken?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> </tr> <tr> <td>3. Is a protective surface casing installed?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> </tr> <tr> <td>4. Is the protective surface casing corroded, bent, or broken?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> </tr> <tr> <td>5. Is a weep located at the base of the protective casing?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> </tr> <tr> <td>6. Is the steel, stainless steel, or PVC well casing loose?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </tbody> </table> | | NO | YES | N/A | 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2. Is the PVC well casing cracked or broken? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 3. Is a protective surface casing installed? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 4. Is the protective surface casing corroded, bent, or broken? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 5. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | NO | YES | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Is the PVC well casing cracked or broken? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Is a protective surface casing installed? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. Is the protective surface casing corroded, bent, or broken? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL SECURITY: | <table border="1" style="width:100%; border-collapse: collapse;"> <tbody> <tr> <td>1. Does the well have a cap or lid?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Does the well have a waterproof steel/brass lock?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>3. Are the hasps firmly welded to well cap and/or metal casing?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </tbody> </table> | 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DOWNHOLE CONDITION: | <table border="1" style="width:100%; border-collapse: collapse;"> <tbody> <tr> <td>1. Is a measurement reference point marked on the top of the well casing?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> </tr> <tr> <td>2. Measured depth of well from top of well casing:</td> <td align="center" colspan="3"></td> </tr> <tr> <td>3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length</td> <td align="center" colspan="3"></td> </tr> <tr> <td>4. Is this value > 0.2 (represents % of screen or open - hole interval)?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>5. Do any obstructions occur within the well?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </tbody> </table> | 1. Is a measurement reference point marked on the top of the well casing? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 2. Measured depth of well from top of well casing: | | | | 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | | | 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Measured depth of well from top of well casing: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SECONDARY INSPECTION ITEMS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL ACCESS: | <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> </thead> <tbody> <tr> <td>1. Does the access road require grading or additional gravel?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Do any obstructions (locked gates, fallen trees, etc.) block access to well?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </tbody> </table> | | NO | YES | N/A | 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | |
| | NO | YES | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Explain: _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL IDENTIFICATION: | <table border="1" style="width:100%; border-collapse: collapse;"> <tbody> <tr> <td>1. Is a stainless plate with engraved well number attached to the outermost casing?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Is the well number legible?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>3. Is the well identification number correct?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </tbody> </table> | 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONCRETE PAD: | <table border="1" style="width:100%; border-collapse: collapse;"> <tbody> <tr> <td>1. Is a concrete pad installed (active wells only)?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Is the pad cracked or deteriorated?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>3. Is the pad sloped to prevent water from ponding around the casing?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </tbody> </table> | 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 3. Is the pad sloped to prevent water from ponding around the casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | |
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| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GUARD POSTS: | <table border="1" style="width:100%; border-collapse: collapse;"> <tbody> <tr> <td>1. Are the guard posts damaged?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Are the guardposts positioned to prevent collision damage to well?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>3. Are the guardposts of adequate height?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>4. Is the high-traffic yellow paint degraded?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </tbody> </table> | 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL MAINTENANCE REQUEST: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COMMENTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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Inspected By: *SMK*

Inspection Date: 9-18-07

Superintendent Review/Approval: *HMC*

Date: 03/20/02

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-017

WELL INFORMATION

Well Number: 6W-653Site: B6Screen Or Open Interval: 10.00Constructed Depth: 41.75 + 0.24 = 41.99

PRIMARY INSPECTION ITEMS

WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC

- | | NO | YES | N/A |
|--|-------------------------------------|--------------------------|-------------------------------------|
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the well casing loose? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

WELL SECURITY:

- | | NO | YES | N/A |
|---|--------------------------|-------------------------------------|-------------------------------------|
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

DOWNHOLE CONDITION:

- | | NO | YES | N/A |
|--|-------------------------------------|-------------------------------------|--------------------------|
| 1. Is a measurement reference point marked on the top of the well casing? (TOC <u>(TOWW)</u>) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | | <u>41.66</u> ft. | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | <u>0.033</u> % | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

SECONDARY INSPECTION ITEMS

WELL ACCESS: NO YES N/A

- | | NO | YES | N/A |
|---|-------------------------------------|--------------------------|--------------------------|
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Explain: _____

WELL IDENTIFICATION:

- | | NO | YES | N/A |
|---|--------------------------|-------------------------------------|--------------------------|
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

CONCRETE PAD:

- | | NO | YES | N/A |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

GUARD POSTS:

- | | NO | YES | N/A |
|---|-------------------------------------|-------------------------------------|--------------------------|
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

WELL MAINTENANCE REQUEST

Complete this section if at least one shaded box has a check mark:

☐ Primary Items☐ Secondary Items

Maintenance Request Number (from request form): _____

COMMENTS

Bottom of the well: solid or softIs dedicated sampling equipment present? yes Δ (TOWW) TOC = .24 ft.

Inspection Date:

2/12/01

Inspected By:

MB/AH

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO: 01-063

| WELL INFORMATION | | | |
|--|--|---|-------------------------------------|
| Well Number: <u>GW-656</u> | Screen Or Open Interval: <u>16.00</u> | | |
| Site: <u>T0134</u> | Constructed Depth: <u>20.59</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the well casing loose? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>20.45</u> ft. | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>0.014</u> % | | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | |
| Complete this section if at least one shaded box has a check mark: | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | |
| Maintenance Request Number (from request form): _____ | | | |
| COMMENTS | | | |
| Bottom of the well: solid or <u>soft</u> | | Is dedicated sampling equipment present? <u>yes</u> | |
| | | | |
| | | | |
| ΔTOWW/ <u>00</u> = _____ ft. | | | |

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: EX-01-002

| WELL INFORMATION | | | |
|--|--|---|-------------------------------------|
| Well Number: <u>CW-683</u> | Screen Or Open Interval: <u>50.60</u> | | |
| Site: <u>EXP-A</u> | Constructed Depth: <u>179.41 + 0.18 = 179.59</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the well casing loose? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>179.95</u> ft. | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>-0.007</u> % | | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | |
| Complete this section if at least one shaded box has a check mark: | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | |
| Maintenance Request Number (from request form): _____ | | | |
| COMMENTS | | | |
| Bottom of the well: solid or <u>soft</u> | | Is dedicated sampling equipment present? <u>YES</u> | |
| <u>Access thru SNS difficult at best, need key for old Chesnut Ridge Rd. bar gate - old Forestry Key?</u> | | | |
| ΔTOWW/TOC = <u>0.18</u> ft. | | | |

Inspection Date: 1/9/01Inspected By: LMB/AFH

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO: 01-001

WELL INFORMATION

Well Number: CW-684

Screen Or Open Interval: 14.40

Site: Y6961 EXP-A

Constructed Depth: 131.53 + 0.18 = 131.71

PRIMARY INSPECTION ITEMS

WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC

- | | NO | YES | N/A |
|--|-------------------------------------|--------------------------|-------------------------------------|
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

WELL SECURITY:

- | | NO | YES | N/A |
|---|--------------------------|-------------------------------------|-------------------------------------|
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

DOWNHOLE CONDITION:

- | | | | |
|--|-------------------------------------|-------------------------------------|--------------------------|
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>132.29</u> ft. | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>- 0.04</u> % | | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

SECONDARY INSPECTION ITEMS

WELL ACCESS:

- | | NO | YES | N/A |
|---|-------------------------------------|--------------------------|--------------------------|
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Explain: _____

WELL IDENTIFICATION:

- | | | | |
|---|--------------------------|-------------------------------------|--------------------------|
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

CONCRETE PAD:

- | | | | |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

GUARD POSTS:

- | | | | |
|---|-------------------------------------|-------------------------------------|--------------------------|
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

WELL MAINTENANCE REQUEST

Complete this section if at least one shaded box has a check mark:

☐ Primary Items

☒ Secondary Items

Maintenance Request Number (from request form): 02-0015

COMMENTS

Bottom of the well: solid or soft?

Is dedicated sampling equipment present? yes

2 trees need to be cut down, they are dead - Removed under WMR-02-001

ΔTOWW/TOC = 0.18 ft.

Inspection Date:

1/9/01

Inspected By:

WMB/AFH

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-024

| WELL INFORMATION | | | |
|---|---|---|-------------------------------------|
| Well Number: <u>W-685</u> | Screen Or <u>Open</u> Interval: <u>50.00</u> | | |
| Site: <u>EXP-A</u> | Constructed Depth: <u>140.53 + 0.47 = 141.0</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/ <u>TOWW</u>) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>142.38</u> ft. | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>-0.03</u> % | | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | |
| Complete this section if at least one shaded box has a check mark: | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | |
| Maintenance Request Number (from request form): _____ | | | |
| COMMENTS | | | |
| Bottom of the well: <u>Solid</u> or soft? | | Is dedicated sampling equipment present? <u>yes</u> | |
| | | | |
| | | | |
| <u>ΔTOWW/TOC = .47</u> ft. | | | |

Y-12 GWP-WB Rev 5 (2/15/2000)

Inspection Date: 3/14/01Inspected By: MB/AH

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-003

| WELL INFORMATION | | | |
|---|--|---|-------------------------------------|
| Well Number: <u>CW-695</u> | Screen Or Open Interval: <u>10.00</u> | Constructed Depth: <u>64.55 + 0.16 = 64.71</u> | |
| Site: <u>EXP-B</u> | | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the well casing loose? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>65.44</u> ft. | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>-0.07</u> % | | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | |
| Complete this section if at least one shaded box has a check mark: | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | |
| Maintenance Request Number (from request form): _____ | | | |
| COMMENTS | | | |
| Bottom of the well: <u>solid</u> or soft? | | Is dedicated sampling equipment present? <u>yes</u> | |
| <u>Corrective factor: 1.6 inches</u> | | | |
| | | | |
| | | | |
| Δ(TOWW) TOC = <u>.16</u> ft. | | | |

Y-12 GWPP WIF Rev. 5 (2/16/2000)

Inspection Date: 1/16/01Inspected By: AFH/lmb

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-060

| WELL INFORMATION | | | |
|---|--|---|-------------------------------------|
| Well Number: <u>W-698</u> | Screen Or Open Interval: <u>10.00</u> | | |
| Site: <u>B8110</u> | Constructed Depth: <u>75.00</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the well casing loose? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>74.87</u> ft. | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>0.013</u> % | | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | |
| Complete this section if at least one shaded box has a check mark: | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | |
| Maintenance Request Number (from request form): _____ | | | |
| COMMENTS | | | |
| Bottom of the well: <u>solid</u> or soft? | | Is dedicated sampling equipment present? <u>yes</u> | |
| | | | |
| | | | |
| Δ TOWW/TOC = _____ ft. | | | |

5/23/01MB/AH

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-004

| WELL INFORMATION | | | |
|---|--|---|-------------------------------------|
| Well Number: <u>GW-703</u> | Screen Or <u>Open</u> Interval: <u>49.20</u> | | |
| Site: <u>EXP-B</u> | Constructed Depth: <u>184.89 + 0.55 = 185.44</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>185.77</u> ft. | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>- 0.006</u> % | | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | |
| Complete this section if at least one shaded box has a check mark: | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | |
| Maintenance Request Number (from request form): _____ | | | |
| COMMENTS | | | |
| Bottom of the well: <u>solid</u> or soft? | | Is dedicated sampling equipment present? <u>yes</u> | |
| <u>Solid bottom but about a inch of softness, no mud on tape</u> | | | |
| | | | |
| | | | |

Y-12 GWPP WIF Rev. 5 (2/16/2000)

 $\Delta(TOWW)/TOC = 5.5\%$ 10%
.55Inspection Date: 1/22/01Inspected By: AFH/vmb

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-006

| WELL INFORMATION | | | |
|---|--|--|-------------------------------------|
| Well Number: <u>W-704</u> | Screen Or <u>Open</u> Interval: <u>4.50</u> | | |
| Site: <u>EXP-B</u> | Constructed Depth: <u>258.74 + 0.48 = 259.22</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>259.23</u> ft. | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>- 0.00</u> % | | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | |
| Complete this section if at least one shaded box has a check mark: | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | |
| Maintenance Request Number (from request form): _____ | | | |
| COMMENTS | | | |
| Bottom of the well: <u>solid</u> or soft? | | Is dedicated sampling equipment present? | |
| | | | |
| | | | |
| | | | |
| $\Delta TOWW$ TOC = <u>4.8</u> ^{10%} <u>.48</u> | | | |

Inspection Date: 1/23/01Inspected By: AH/mB

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
201-145

| | |
|--|---|
| WELL INFORMATION | |
| Well Number: <u>GW-704</u> | Screen Or Open Interval: <u>10.0</u> |
| Site: <u>Exit Parkway, Tractor B</u> | Constructed Depth: <u>258.74</u> |
| PRIMARY INSPECTION ITEMS | |
| WELL CASINGS: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | |
| | NO YES N/A |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 2. Is the PVC well casing cracked or broken? | <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> |
| 3. Is a protective surface casing installed? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 4. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 5. Is a weep located at the base of the protective casing? | <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| WELL SECURITY: | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| DOWNHOLE CONDITION: | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>265.9</u> ft |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | % |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | |
| WELL ACCESS: | |
| | NO YES N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| Explain: <u>NEED Mowing</u> | |
| WELL IDENTIFICATION: | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Is the well number legible? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| CONCRETE PAD: | |
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| GUARD POSTS: | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST: | |
| Complete only if any of the above shaded yes/no boxes are checked: | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items |
| Request numbers for maintenance performed on this well: _____ | |
| COMMENTS | |
| <u>Hand Bag at Bottom</u> | |

Inspected By: SMK

Inspection Date: 9-13-01

Superintendent Review/Approval: H. McClaney

Date: 03/20/02

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: GI-007

| WELL INFORMATION | | | |
|---|--|---|-------------------------------------|
| Well Number: <u>GW-706</u> | Screen Or <u>Open</u> Interval: <u>24.40</u> | | |
| Site: <u>EXP-B</u> | Constructed Depth: <u>185.39 + 0.43 = 185.82</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC <u>TOWW</u>) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>186.39</u> ft. | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>-0.02</u> % | | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | |
| Complete this section if at least one shaded box has a check mark: | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | |
| Maintenance Request Number (from request form): _____ | | | |
| COMMENTS | | | |
| Bottom of the well: <u>solid</u> or soft? | | Is dedicated sampling equipment present? <u>yes</u> | |
| | | | |
| | | | |
| | | | |
| $\Delta TOWW/TOC = \frac{4.3}{185.82} = .023$ | | | |

Inspection Date: 1/23/01Inspected By: AH/MB

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-144

| WELL INFORMATION | | | | | | |
|---|-------------------------------------|-------------------------------------|---|--|-------------------------------------|--|
| Well Number: | <u>610-706</u> | | Screen Or Open Interval: | <u>25.5</u> | | |
| Site: | <u>Exit Refinery TEA</u> | | Constructed Depth: | <u>185.4</u> | | |
| PRIMARY INSPECTION ITEMS | | | | | | |
| WELL CASINGS: | | | <input checked="" type="checkbox"/> Steel | <input type="checkbox"/> Stainless Steel | <input type="checkbox"/> PVC | |
| | | | NO | YES | N/A | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the PVC well casing cracked or broken? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is a protective surface casing installed? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 4. Is the protective surface casing corroded, bent, or broken? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 5. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| WELL SECURITY: | | | | | | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| DOWNHOLE CONDITION: | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Measured depth of well from top of well casing: | <input checked="" type="checkbox"/> | <u>185.70</u> | ft | <input type="checkbox"/> | <input type="checkbox"/> | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <input type="checkbox"/> | <u>S/A</u> | % | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| SECONDARY INSPECTION ITEMS | | | | | | |
| WELL ACCESS: | | | NO | YES | N/A | |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Explain: _____ | | | | | | |
| WELL IDENTIFICATION: | | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| CONCRETE PAD: | | | | | | |
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| GUARD POSTS: | | | | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| WELL MAINTENANCE REQUEST: | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | |
| <input type="checkbox"/> Primary Items | | | <input type="checkbox"/> Secondary Items | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | |
| COMMENTS | | | | | | |
| <u>Hand tag of bottom</u> | | | | | | |
| | | | | | | |
| | | | | | | |

Inspected By: [Signature]

Inspection Date: 9-17-01

Superintendent Review/Approval: [Signature]

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-111

| | | | | | | | |
|---|--|---|--|------------------------------|-------------------------------------|-------------------------------------|--------------------------|
| WELL INFORMATION | | | | | | | |
| Well Number: <u>GN-712</u> | | Screen Or Open Interval: _____ | | | | | |
| Site: <u>Exit Highway Phase W</u> | | Constructed Depth: <u>460.98</u> | | | | | |
| PRIMARY INSPECTION ITEMS | | | | | | | |
| WELL CASINGS: | | <input checked="" type="checkbox"/> Steel | <input type="checkbox"/> Stainless Steel | <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the PVC well casing cracked or broken? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a protective surface casing installed? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the protective surface casing corroded, bent, or broken? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Is a weep located at the base of the protective casing? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Is the steel, stainless steel, or PVC well casing loose? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | | | | | |
| 1. Does the well have a cap or lid? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| DOWNHOLE CONDITION: | | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | | | | | <u>5/4</u> ft | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | | | | <u>5/4</u> % | | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | | | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | | | | | |
| WELL ACCESS: | | | | | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | | | | | |
| WELL IDENTIFICATION: | | | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | | | | | |
| 1. Is a concrete pad installed (active wells only)? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| GUARD POSTS: | | | | | | | |
| 1. Are the guard posts damaged? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST: | | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | | |
| <input type="checkbox"/> Primary Items | | <input type="checkbox"/> Secondary Items | | | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | | |
| COMMENTS | | | | | | | |
| <u>Cannot measure depth</u> | | | | | | | |

Inspected By: [Signature]

Inspection Date: 9-13-01

Superintendent Review/Approval: [Signature]

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-112

| WELL INFORMATION | | | | | | |
|---|--------------------------------|--|---|--|-------------------------------------|----|
| Well Number: | <u>GW-713</u> | | Screen Or Open Interval: | | | |
| Site: | <u>Exit Pathway TRAVERSE W</u> | | Constructed Depth: | <u>318.0</u> | | |
| PRIMARY INSPECTION ITEMS | | | | | | |
| WELL CASINGS: | | | <input checked="" type="checkbox"/> Steel | <input type="checkbox"/> Stainless Steel | <input type="checkbox"/> PVC | |
| | | | NO | YES | N/A | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the PVC well casing cracked or broken? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is a protective surface casing installed? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. Is the protective surface casing corroded, bent, or broken? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 5. Is a weep located at the base of the protective casing? | | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| WELL SECURITY: | | | | | | |
| 1. Does the well have a cap or lid? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Does the well have a waterproof steel/brass lock? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| DOWNHOLE CONDITION: | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Measured depth of well from top of well casing: | | | | <u>N/A</u> | | ft |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | | | <u>N/A</u> | | % |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 5. Do any obstructions occur within the well? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| SECONDARY INSPECTION ITEMS | | | | | | |
| WELL ACCESS: | | | NO | YES | N/A | |
| 1. Does the access road require grading or additional gravel? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Explain: <u>NEEDS MOWING</u> | | | | | | |
| WELL IDENTIFICATION: | | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the well number legible? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is the well identification number correct? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| CONCRETE PAD: | | | | | | |
| 1. Is a concrete pad installed (active wells only)? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the pad cracked or deteriorated? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| GUARD POSTS: | | | | | | |
| 1. Are the guard posts damaged? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Are the guardposts positioned to prevent collision damage to well? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Are the guardposts of adequate height? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. Is the high-traffic yellow paint degraded? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| WELL MAINTENANCE REQUEST: | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | |
| <input type="checkbox"/> Primary Items | | | <input type="checkbox"/> Secondary Items | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | |
| COMMENTS | | | | | | |
| <u>Cannot measure depth.</u> | | | | | | |
| | | | | | | |
| | | | | | | |

Inspected By: [Signature]

Inspection Date: 9-13-01

Superintendent Review/Approval: [Signature]

Date: 10/1/01

**ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-113

WELL INFORMATION

Well Number: GW-714 /
Site: East Parkway Traversu

Screen Or Open Interval: 29.9
Constructed Depth: 147.78

PRIMARY INSPECTION ITEMS

WELL CASINGS:

☒ Steel

☐ Stainless Steel

☐ PVC

NO YES N/A

1. Is the steel or stainless steel well casing corroded, bent, or broken?
2. Is the PVC well casing cracked or broken?
3. Is a protective surface casing installed?
4. Is the protective surface casing corroded, bent, or broken?
5. Is a weep located at the base of the protective casing?
6. Is the steel, stainless steel, or PVC well casing loose?

| | | |
|-------------------------------------|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

WELL SECURITY:

1. Does the well have a cap or lid?
2. Does the well have a waterproof steel/brass lock?
3. Are the hasps firmly welded to well cap and/or metal casing?

| | | |
|-------------------------------------|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?
2. Measured depth of well from top of well casing:
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length
4. Is this value > 0.2 (represents % of screen or open - hole interval)?
5. Do any obstructions occur within the well?

| | | |
|-------------------------------------|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <u>147.5</u> | ft | |
| <u>.009</u> | % Dev | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

31-26

SECONDARY INSPECTION ITEMS

WELL ACCESS:

1. Does the access road require grading or additional gravel?
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well?

| | | |
|-------------------------------------|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Explain: _____

WELL IDENTIFICATION:

1. Is a stainless plate with engraved well number attached to the outermost casing?
2. Is the well number legible?
3. Is the well identification number correct?

| | | |
|-------------------------------------|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?
2. Is the pad cracked or deteriorated?
3. Is the pad sloped to prevent water from ponding around the casing?

| | | |
|-------------------------------------|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

GUARD POSTS:

1. Are the guard posts damaged?
2. Are the guardposts positioned to prevent collision damage to well?
3. Are the guardposts of adequate height?
4. Is the high-traffic yellow paint degraded?

| | | |
|-------------------------------------|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

WELL MAINTENANCE REQUEST:

Complete only if any of the above shaded yes/no boxes are checked:

☐ Primary Items

☐ Secondary Items

Request numbers for maintenance performed on this well: _____

COMMENTS

Hand Lag of bottom!

Inspected By: SMK

Inspection Date: 9-13-07

Superintendent Review/Approval: BBW

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
#01-114

| WELL INFORMATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|-------------------------------------|-------------------------------------|-----|-----|---|-------------------------------------|-------------------------------------|--------------------------|---|-------------------------------------|-------------------------------------|-------------------------------------|---|--------------------------|-------------------------------------|--------------------------|--|-------------------------------------|--------------------------|--------------------------|--|-------------------------------------|--------------------------|-------------------------------------|---|-------------------------------------|--------------------------|--------------------------|
| Well Number: <u>Gal-715</u> | Screen Or Open Interval: <u>10.0</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Site: <u>East Parkway TRAPROSE W</u> | Constructed Depth: <u>45.65</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY INSPECTION ITEMS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th></th> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> <tr> <td>1. Is the steel or stainless steel well casing corroded, bent, or broken?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Is the PVC well casing cracked or broken?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> </tr> <tr> <td>3. Is a protective surface casing installed?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>4. Is the protective surface casing corroded, bent, or broken?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>5. Is a weep located at the base of the protective casing?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> </tr> <tr> <td>6. Is the steel, stainless steel, or PVC well casing loose?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </table> | | NO | YES | N/A | 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2. Is the PVC well casing cracked or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 3. Is a protective surface casing installed? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 5. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | NO | YES | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Is the PVC well casing cracked or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Is a protective surface casing installed? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL SECURITY: | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th></th> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> <tr> <td>1. Does the well have a cap or lid?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Does the well have a waterproof steel/brass lock?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>3. Are the hasps firmly welded to well cap and/or metal casing?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </table> | | NO | YES | N/A | 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | |
| | NO | YES | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DOWNHOLE CONDITION: | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th></th> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> <tr> <td>1. Is a measurement reference point marked on the top of the well casing?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Measured depth of well from top of well casing:</td> <td align="center"><u>45.91</u></td> <td align="center">ft</td> <td align="center"><u>Drill</u></td> </tr> <tr> <td>3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length</td> <td align="center"></td> <td align="center">%</td> <td align="center"><u>29.0</u></td> </tr> <tr> <td>4. Is this value > 0.2 (represents % of screen or open - hole interval)?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>5. Do any obstructions occur within the well?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </table> | | NO | YES | N/A | 1. Is a measurement reference point marked on the top of the well casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Measured depth of well from top of well casing: | <u>45.91</u> | ft | <u>Drill</u> | 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | % | <u>29.0</u> | 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | |
| | NO | YES | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Measured depth of well from top of well casing: | <u>45.91</u> | ft | <u>Drill</u> | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SECONDARY INSPECTION ITEMS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL ACCESS: | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th></th> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> <tr> <td>1. Does the access road require grading or additional gravel?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Do any obstructions (locked gates, fallen trees, etc.) block access to well?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </table> | | NO | YES | N/A | 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | |
| | NO | YES | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Explain: _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL IDENTIFICATION: | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th></th> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> <tr> <td>1. Is a stainless plate with engraved well number attached to the outermost casing?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Is the well number legible?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>3. Is the well identification number correct?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </table> | | NO | YES | N/A | 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | |
| | NO | YES | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONCRETE PAD: | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th></th> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> <tr> <td>1. Is a concrete pad installed (active wells only)?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Is the pad cracked or deteriorated?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>3. Is the pad sloped to prevent water from ponding around the casing?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </table> | | NO | YES | N/A | 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 3. Is the pad sloped to prevent water from ponding around the casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | |
| | NO | YES | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GUARD POSTS: | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th></th> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> <tr> <td>1. Are the guard posts damaged?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Are the guardposts positioned to prevent collision damage to well?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>3. Are the guardposts of adequate height?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>4. Is the high-traffic yellow paint degraded?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </table> | | NO | YES | N/A | 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | |
| | NO | YES | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL MAINTENANCE REQUEST: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COMMENTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>Hand tag of bottom</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Inspected By: SM Keiser

Inspection Date: 9-13-01

Superintendent Review/Approval: B. B. Wayland

Date: 10/1/01

Revision No.: 1

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-147

| WELL INFORMATION | | | |
|---|-----------------------------|---|-------------------------------------|
| Well Number: | <u>GLW-722 Westbay</u> | Screen Or Open Interval: | <u>569.3</u> |
| Site: | <u>East Parkway Truss I</u> | Constructed Depth: | <u>646.97</u> |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: | | <input type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input checked="" type="checkbox"/> PVC | NO YES N/A |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Is the PVC well casing cracked or broken? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a protective surface casing installed? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the protective surface casing corroded, bent, or broken? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Is a weep located at the base of the protective casing? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. Is the steel, stainless steel, or PVC well casing loose? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | | | ft |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | | % |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Do any obstructions occur within the well? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | | NO | YES |
| 1. Does the access road require grading or additional gravel? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST: | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | |
| <input type="checkbox"/> Primary Items | | <input type="checkbox"/> Secondary Items | |
| Request numbers for maintenance performed on this well: _____ | | | |
| COMMENTS | | | |
| <u>Westbay Well</u> | | | |
| | | | |
| | | | |

| | |
|---|---------------------------------|
| Inspected By: <u>SM/Seaton</u> | Inspection Date: <u>9-20-01</u> |
| Superintendent Review/Approval: <u>H McClancy</u> | Date: <u>03/20/02</u> |

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: CI-010

| WELL INFORMATION | | | |
|---|---|---|--|
| Well Number: <u>GW-724</u> | Site: <u>EXP-C</u> | Screen Or Open Interval: <u>12.00</u> | Constructed Depth: <u>304.25 + 0.48 = 304.73</u> |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>304.75</u> <u>293.78</u> <u>304.75</u> ft. | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>0.0</u> % | | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | |
| Complete this section if at least one shaded box has a check mark: | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | |
| Maintenance Request Number (from request form): _____ | | | |
| COMMENTS | | | |
| Bottom of the well: <u>solid</u> or soft? | | Is dedicated sampling equipment present? <u>yes</u> | |
| <u>Messard from TOWN</u> | | | |
| <u>ΔTOWW</u> TOC = <u>.48</u> ft. | | | |

Y-12 GWPP WIF Rev 5 (2-15-2000)

Inspection Date: 1/25/01Inspected By: MB/AH

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-005

| WELL INFORMATION | | | |
|---|---|---|--------------------------|
| Well Number: <u>GW-725</u> | Screen Or <u>Open</u> Interval: <u>10.00</u> | | |
| Site: <u>EXP-C</u> | Constructed Depth: <u>145.29 + 0.49 = 145.78</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the well casing loose? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC <u>TOWW</u>) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>145.93</u> | ft. | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>-0.015</u> | % | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | |
| Complete this section if at least one shaded box has a check mark: | | | |
| <input type="checkbox"/> Primary Items | <input checked="" type="checkbox"/> Secondary Items | | |
| Maintenance Request Number (from request form): _____ | | | |
| COMMENTS | | | |
| Bottom of the well: <u>solid</u> or soft? | | Is dedicated sampling equipment present? <u>yes</u> | |
| <u>paint is degrading!</u> | | | |
| <div style="text-align: right;"> $\Delta TOWW / TOC = \frac{4.9}{145.78} = 0.034$ </div> | | | |

Inspection Date: 1/22/01Inspected By: MB/AH

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-115

| WELL INFORMATION | | | | | | |
|---|------------------------------|--|--|---|-------------------------------------|--|
| Well Number: | <u>6-11-731</u> | | Screen Or Open Interval: | <u>10.0</u> | | |
| Site: | <u>CR Sed. Deposit Basin</u> | | Constructed Depth: | <u>183.53</u> | | |
| PRIMARY INSPECTION ITEMS | | | | | | |
| WELL CASINGS: | | | <input type="checkbox"/> Steel | <input checked="" type="checkbox"/> Stainless Steel | <input type="checkbox"/> PVC | |
| | | | NO | YES | N/A | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the PVC well casing cracked or broken? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 3. Is a protective surface casing installed? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 4. Is the protective surface casing corroded, bent, or broken? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 5. Is a weep located at the base of the protective casing? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| WELL SECURITY: | | | | | | |
| 1. Does the well have a cap or lid? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Does the well have a waterproof steel/brass lock? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| DOWNHOLE CONDITION: | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Measured depth of well from top of well casing: | | | <input checked="" type="checkbox"/> | <u>197.50</u> | ft | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | | <input checked="" type="checkbox"/> | <u>N/A</u> | % | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 5. Do any obstructions occur within the well? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| SECONDARY INSPECTION ITEMS | | | | | | |
| WELL ACCESS: | | | NO | YES | N/A | |
| 1. Does the access road require grading or additional gravel? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Explain: _____ | | | | | | |
| WELL IDENTIFICATION: | | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the well number legible? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is the well identification number correct? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| CONCRETE PAD: | | | | | | |
| 1. Is a concrete pad installed (active wells only)? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the pad cracked or deteriorated? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| GUARD POSTS: | | | | | | |
| 1. Are the guard posts damaged? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Are the guardposts positioned to prevent collision damage to well? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Are the guardposts of adequate height? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. Is the high-traffic yellow paint degraded? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| WELL MAINTENANCE REQUEST | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | |
| <input type="checkbox"/> Primary Items | | | <input type="checkbox"/> Secondary Items | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | |
| COMMENTS | | | | | | |
| <u>Hand tag of bottom</u> | | | | | | |
| | | | | | | |
| | | | | | | |

Inspected By: SM Kacem

Inspection Date: 9-20-01

Superintendent Review/Approval: B. B. Highland

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-114

| WELL INFORMATION | | | |
|---|---|--|-------------------------------------|
| Well Number: <u>GW-732 /</u> | Screen Or Open Interval: <u>10.0</u> | | |
| Site: <u>CR Sediment Deposition Basin</u> | Constructed Depth: <u>194.04</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: | <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the PVC well casing cracked or broken? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Is a protective surface casing installed? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the protective surface casing corroded, bent, or broken? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Is a weep located at the base of the protective casing? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 6. Is the steel, stainless steel, or PVC well casing loose? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>192.40</u> ft | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>.16</u> % | | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | | NO | YES |
| 1. Does the access road require grading or additional gravel? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | |
| <input type="checkbox"/> Primary Items | | <input type="checkbox"/> Secondary Items | |
| Request numbers for maintenance performed on this well: _____ | | | |
| COMMENTS | | | |
| <u>Hard tag of bottom</u> | | | |
| | | | |
| | | | |

Inspected By: SNK

Inspection Date: 9-20-01

Superintendent Review/Approval: BB

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-117

| WELL INFORMATION | | | | | | |
|---|-------------------------------------|-------------------------------------|---|--|------------------------------|--|
| Well Number: | <u>GW-733</u> | | Screen Or Open Interval: | <u>10.0</u> | | |
| Site: | <u>East Potomac TPA/USE J</u> | | Constructed Depth: | <u>259.85</u> | | |
| PRIMARY INSPECTION ITEMS | | | | | | |
| WELL CASINGS: | | | <input checked="" type="checkbox"/> Steel | <input type="checkbox"/> Stainless Steel | <input type="checkbox"/> PVC | |
| | | | NO | YES | N/A | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the PVC well casing cracked or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is a protective surface casing installed? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 5. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| WELL SECURITY: | | | | | | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| DOWNHOLE CONDITION: | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Measured depth of well from top of well casing: | | | | <u>259.90</u> | ft | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | | | <u>N/A</u> | % | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| SECONDARY INSPECTION ITEMS | | | | | | |
| WELL ACCESS: | | | NO | YES | N/A | |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Explain: _____ | | | | | | |
| WELL IDENTIFICATION: | | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| CONCRETE PAD: | | | | | | |
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| GUARD POSTS: | | | | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| WELL MAINTENANCE REQUEST: | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | |
| <input type="checkbox"/> Primary Items | | | <input type="checkbox"/> Secondary Items | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | |
| COMMENTS | | | | | | |
| <u>Handed tag of Bottom</u> | | | | | | |
| | | | | | | |
| | | | | | | |

Inspected By: [Signature]

Inspection Date: 9-14-07

Superintendent Review Approval: [Signature]

Date: 10/1/01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-055

| WELL INFORMATION | | | |
|---|--|---|--|
| Well Number: <u>Gw-735</u> | Site: <u>EXP-J</u> | Screen Or Open Interval: <u>10.00</u> | Constructed Depth: <u>80.84 + 0.19 = 81.03</u> |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the well casing loose? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>82.03</u> ft. | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>-0.1</u> % | | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | |
| Complete this section if at least one shaded box has a check mark: | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | |
| Maintenance Request Number (from request form): _____ | | | |
| COMMENTS | | | |
| Bottom of the well: <u>solid</u> or soft? | | Is dedicated sampling equipment present? <u>yes</u> | |
| | | | |
| | | | |
| | | | |
| ΔTOWW/TOC = <u>.19</u> ft. | | | |

Y-12 (GWPP WIF Rev 5 (2/16/2000))

Inspection Date: 5/8/01Inspected By: MB/AH

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-008

| WELL INFORMATION | | | |
|---|--|---|-------------------------------------|
| Well Number: <u>6w-740</u> | Screen or <u>Open</u> Interval: <u>24.40</u> | | |
| Site: <u>EXP-C</u> | Constructed Depth: <u>192.68 + 0.52</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>193.29</u> ft. | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>-0.003</u> % | | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | |
| Complete this section if at least one shaded box has a check mark: | | | |
| <input checked="" type="checkbox"/> Primary Items | | <input type="checkbox"/> Secondary Items | |
| Maintenance Request Number (from request form): <u>02-0045</u> | | | |
| COMMENTS | | | |
| Bottom of the well: <u>Solid</u> or soft? | | Is dedicated sampling equipment present? <u>yes</u> | |
| <u>Tag has come off, is laying on pad!</u> | | | |
| <u>approx. a inch or so soft material on bottom.</u> | | | |
| Δ (TOWW) TOC = .52 ft. | | | |

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-653

| WELL INFORMATION | | | | | | |
|---|----------------------|--|---|-------------------------------------|-------------------------------------|--|
| Well Number: <u>GW-744</u> | Site: <u>GRID K1</u> | <input checked="" type="checkbox"/> Screen | Or Open Interval: <u>10.00</u> | | | |
| | | | | Constructed Depth: <u>69.28</u> | | |
| PRIMARY INSPECTION ITEMS | | | | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | | | NO | YES | N/A | |
| 1. Is the well casing corroded, bent, cracked, or broken? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the protective surface casing corroded, bent, or broken? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is a weep located at the base of the protective casing? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 4. Is the well casing loose? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| WELL SECURITY: | | | | | | |
| 1. Does the well have a cap or lid? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Does the well have a waterproof steel/brass lock? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| DOWNHOLE CONDITION: | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (FOC/TOWW) | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Measured depth of well from top of well casing: | | | <u>70.00</u> | | ft. | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | | <u>-0.07</u> | | % | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 5. Do any obstructions occur within the well? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| SECONDARY INSPECTION ITEMS | | | | | | |
| WELL ACCESS: | | | NO | YES | N/A | |
| 1. Does the access road require grading or additional gravel? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Explain: _____ | | | | | | |
| WELL IDENTIFICATION: | | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the well number legible? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is the well identification number correct? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| CONCRETE PAD: | | | | | | |
| 1. Is a concrete pad installed (active wells only)? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the pad cracked or deteriorated? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| GUARD POSTS: | | | | | | |
| 1. Are the guard posts damaged? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Are the guardposts positioned to prevent collision damage to well? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Are the guardposts of adequate height? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. Is the high-traffic yellow paint degraded? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| WELL MAINTENANCE REQUEST | | | | | | |
| Complete this section if at least one shaded box has a check mark: | | | | | | |
| <input type="checkbox"/> Primary Items | | | <input type="checkbox"/> Secondary Items | | | |
| Maintenance Request Number (from request form): _____ | | | | | | |
| COMMENTS | | | | | | |
| Bottom of the well: <u>solid</u> or soft? | | | Is dedicated sampling equipment present? <u>yes</u> | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| $\Delta TOWW / \text{FOC} = 0.0$ ft. | | | | | | |

Y-12 GWPP WIE Rev. 5-12-16 (20***)

Inspection Date: 5/7/01Inspected By: MB/AH

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-054

| WELL INFORMATION | | | |
|--|--|---|-------------------------------------|
| Well Number: <u>GW-747</u> | Screen Or Open Interval: <u>10.00</u> | Constructed Depth: <u>81.73 + 0.18 =</u> | <u>81.91</u> |
| Site: <u>GRTPK2</u> | | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the well casing loose? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? <u>TOC(TOWW)</u> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>82.46</u> ft. | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>-0.055</u> % | | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | |
| Complete this section if at least one shaded box has a check mark: | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | |
| Maintenance Request Number (from request form): _____ | | | |
| COMMENTS | | | |
| Bottom of the well: <u>solid</u> or soft? | | Is dedicated sampling equipment present? <u>yes</u> | |
| | | | |
| | | | |
| $\Delta TOWW/TOC = 0.18$ ft. | | | |

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-052

| WELL INFORMATION | | | |
|---|---------------------------------------|---|-------------------------------------|
| Well Number: <u>W-750</u> | Screen Or Open Interval: <u>10.0</u> | | |
| Site: <u>EXP-5</u> | Constructed Depth: <u>75.2 + 0.12</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the well casing loose? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/ <u>TOWW</u>) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>75.71</u> ft. | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>- 0.039</u> % | | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | |
| Complete this section if at least one shaded box has a check mark: | | | |
| <input type="checkbox"/> Primary Items | | <input type="checkbox"/> Secondary Items | |
| Maintenance Request Number (from request form): _____ | | | |
| COMMENTS | | | |
| Bottom of the well: solid or soft? | | Is dedicated sampling equipment present? <u>yes</u> | |
| | | | |
| | | | |
| Δ <u>TOWW</u> / TOC = <u>0.12</u> ft. | | | |

Y-12 GWP/WP Rev. 5/12/16 (2000)

Inspection Date:

5/3/01

Inspected By:

MB/AH

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-148

| WELL INFORMATION | | | | | | |
|---|---|-------------------------------------|-------------------------------------|-----|--|--|
| Well Number: <u>610-762</u> | Screen Or Open Interval: <u>10.0</u> | | | | | |
| Site: <u>New Hope Pond</u> | Constructed Depth: <u>60.2</u> | | | | | |
| PRIMARY INSPECTION ITEMS | | | | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | <table border="0" style="width: 100%;"> <tr> <td style="width: 33%; text-align: center;">NO</td> <td style="width: 33%; text-align: center;">YES</td> <td style="width: 33%; text-align: center;">N/A</td> </tr> </table> | NO | YES | N/A | | |
| NO | YES | N/A | | | | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Is the PVC well casing cracked or broken? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 3. Is a protective surface casing installed? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 4. Is the protective surface casing corroded, bent, or broken? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 5. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| WELL SECURITY: | | | | | | |
| 1. Does the well have a cap or lid? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Does the well have a waterproof steel/brass lock? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| DOWNHOLE CONDITION: | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Measured depth of well from top of well casing: | ✓ <u>61.2</u> ft | | | | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>N/A</u> % | | | | | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| SECONDARY INSPECTION ITEMS | | | | | | |
| WELL ACCESS: | <table border="0" style="width: 100%;"> <tr> <td style="width: 33%; text-align: center;">NO</td> <td style="width: 33%; text-align: center;">YES</td> <td style="width: 33%; text-align: center;">N/A</td> </tr> </table> | NO | YES | N/A | | |
| NO | YES | N/A | | | | |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| Explain: _____ | | | | | | |
| WELL IDENTIFICATION: | | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Is the well number legible? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 3. Is the well identification number correct? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| CONCRETE PAD: | | | | | | |
| 1. Is a concrete pad installed (active wells only)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| GUARD POSTS: | | | | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 3. Are the guardposts of adequate height? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| WELL MAINTENANCE REQUEST | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | |
| <input type="checkbox"/> Primary Items <input type="checkbox"/> Secondary Items | | | | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | |
| COMMENTS | | | | | | |
| <u>New log of bottom</u> | | | | | | |

Inspected By: SM Kuen

Superintendent Review/Approval: H McClancy

Inspection Date: 9-25-07

Date: 03/20/02

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-044

WELL INFORMATION

Well Number: W-763
Site: GRID JPScreen Or Open Interval: 10.00
Constructed Depth: 18.62 + 0.25 = 18.87

PRIMARY INSPECTION ITEMS

WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC

1. Is the well casing corroded, bent, cracked, or broken?

NO YES N/A

2. Is the protective surface casing corroded, bent, or broken?

3. Is a weep located at the base of the protective casing?

4. Is the well casing loose?

WELL SECURITY:

1. Does the well have a cap or lid?

2. Does the well have a waterproof steel brass lock?

3. Are the hasps firmly welded to well cap and or metal casing?

4. If flush-mounted, is the traffic cover securely bolted to the christy box?

5. If flush-mounted, is the well cap tight and the rubber seal in good condition?

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing? (FOC (TOWW))

2. Measured depth of well from top of well casing:

3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length

4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?

5. Do any obstructions occur within the well?

SECONDARY INSPECTION ITEMS

WELL ACCESS: NO YES N/A

1. Does the access road require grading or additional gravel?

2. Do any obstructions (locked gates, fallen trees, etc.) block access to well?

Explain: _____

WELL IDENTIFICATION:

1. Is a stainless plate with engraved well number attached to the outermost casing?

2. Is the well number legible?

3. Is the well identification number correct?

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?

2. Is the pad cracked or deteriorated?

3. Is the pad sloped to prevent water from ponding around the casing or christy box?

4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?

GUARD POSTS:

1. Are the guard posts damaged?

2. Are the guardposts positioned to prevent collision damage to well?

3. Are the guardposts of adequate height?

4. Is the high-traffic yellow paint degraded?

WELL MAINTENANCE REQUEST

Complete this section if at least one shaded box has a check mark.

☐ Primary Items☐ Secondary Items

Maintenance Request Number (from request form) _____

COMMENTS

Bottom of the well: Solid or soft?

Is dedicated sampling equipment present?

 $\Delta TOWW/TOC = .25$ ft.

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-041

WELL INFORMATION

Well Number: GW-769
Site: GRID G3Screen Or Open Interval: 10.00
Constructed Depth: 62.03 + 0.14 = 62.17

PRIMARY INSPECTION ITEMS

WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC

1. Is the well casing corroded, bent, cracked, or broken?

NO YES N/A

2. Is the protective surface casing corroded, bent, or broken?

3. Is a weep located at the base of the protective casing?

4. Is the well casing loose?

WELL SECURITY:

1. Does the well have a cap or lid?

2. Does the well have a waterproof steel brass lock?

3. Are the hasps firmly welded to well cap and or metal casing?

4. If flush-mounted, is the traffic cover securely bolted to the christy box?

5. If flush-mounted, is the well cap tight and the rubber seal in good condition?

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing? (TOC TOWW)

2. Measured depth of well from top of well casing:

62.92 ft.

3. Calculate: (Constructed depth - Measured depth) Screen or Open Interval Length

-0.07 %4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?

5. Do any obstructions occur within the well?

SECONDARY INSPECTION ITEMS

WELL ACCESS: NO YES N/A

1. Does the access road require grading or additional gravel?

2. Do any obstructions (locked gates, fallen trees, etc.) block access to well?

Explain: _____

WELL IDENTIFICATION:

1. Is a stainless plate with engraved well number attached to the outermost casing?

2. Is the well number legible?

3. Is the well identification number correct?

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?

2. Is the pad cracked or deteriorated?

3. Is the pad sloped to prevent water from ponding around the casing or christy box?

4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?

GUARD POSTS:

1. Are the guard posts damaged?

2. Are the guardposts positioned to prevent collision damage to well?

3. Are the guardposts of adequate height?

4. Is the high-traffic yellow paint degraded?

WELL MAINTENANCE REQUEST

Complete this section if at least one shaded box has a check mark

☐ Primary Items☐ Secondary Items

Maintenance Request Number (from request form): _____

COMMENTS

Bottom of the well: solid or soft?Is dedicated sampling equipment present? yes $\Delta TOWW/TOC = .16$ ft.

Inspection Date

4/17/01

Inspected By:

MB/AH

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-040

WELL INFORMATION

Well Number: 6w-770
Site: GRID E3Screen Or Open Interval: 10.00
Constructed Depth: 21.28 + 0.15 = 21.43

PRIMARY INSPECTION ITEMS

WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC

1. Is the well casing corroded, bent, cracked, or broken?
2. Is the protective surface casing corroded, bent, or broken?
3. Is a weep located at the base of the protective casing?
4. Is the well casing loose?

| NO | YES | N/A |
|-------------------------------------|--------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

WELL SECURITY:

1. Does the well have a cap or lid?
2. Does the well have a waterproof steel brass lock?
3. Are the hasps firmly welded to well cap and or metal casing?
4. If flush-mounted, is the traffic cover securely bolted to the christy box?
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?

| NO | YES | N/A |
|--------------------------|-------------------------------------|-------------------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing? (TOC) (6WW)
2. Measured depth of well from top of well casing: 21.85 ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length = -0.042 %
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?
5. Do any obstructions occur within the well?

| NO | YES | N/A |
|-------------------------------------|-------------------------------------|--------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

SECONDARY INSPECTION ITEMS

WELL ACCESS:

1. Does the access road require grading or additional gravel?
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well?

| NO | YES | N/A |
|-------------------------------------|--------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Explain: _____

WELL IDENTIFICATION:

1. Is a stainless plate with engraved well number attached to the outermost casing?
2. Is the well number legible?
3. Is the well identification number correct?

| NO | YES | N/A |
|--------------------------|-------------------------------------|--------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?
2. Is the pad cracked or deteriorated?
3. Is the pad sloped to prevent water from ponding around the casing or christy box?
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?

| NO | YES | N/A |
|-------------------------------------|-------------------------------------|-------------------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

GUARD POSTS:

1. Are the guard posts damaged?
2. Are the guardposts positioned to prevent collision damage to well?
3. Are the guardposts of adequate height?
4. Is the high-traffic yellow paint degraded?

| NO | YES | N/A |
|-------------------------------------|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

WELL MAINTENANCE REQUEST

Complete this section if at least one shaded box has a check mark.

☐ Primary Items☐ Secondary Items

Maintenance Request Number (from request form) _____

COMMENTS

Bottom of the well: Solid or soft?Is dedicated sampling equipment present? yes(6WW) TOC = .15 ft.4/17/01MB/AH

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-058

| WELL INFORMATION | | | |
|---|--|---|--|
| Well Number: <u>6N-771</u> | Site: <u>Y-12 GROUND Well C1</u> | Screen or Open Interval: <u>86.63</u> <u>9.70 ft.</u> | Constructed Depth: <u>56.43 + 0.18 = 56.81</u> |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the well casing loose? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>57.18</u> ft. | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>-0.038</u> % | | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | |
| Complete this section if at least one shaded box has a check mark: | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | |
| Maintenance Request Number (from request form): <u>NA</u> | | | |
| COMMENTS | | | |
| Bottom of the well: <u>solid</u> or soft? | | Is dedicated sampling equipment present? <u>yes</u> | |
| | | | |
| | | | |
| | | | |
| ΔTOWW/TOC = <u>.18</u> ft. | | | |

Inspection Date: 5/22/01Inspected By: MB/AHToby Harrison observed.

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-059

| WELL INFORMATION | | | |
|---|--|---|--|
| Well Number: <u>W-772</u> | Site: <u>GRD C1</u> | Screen Or Open Interval: <u>10.00</u> | Constructed Depth: <u>18.06 + 0.16 = 18.22</u> |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the well casing loose? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>18.98</u> | ft. | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>-0.076</u> | % | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | |
| Complete this section if at least one shaded box has a check mark: | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | |
| Maintenance Request Number (from request form): _____ | | | |
| COMMENTS | | | |
| Bottom of the well: solid or soft? | | Is dedicated sampling equipment present? <u>Yes</u> | |
| | | | |
| | | | |
| | | | |
| ΔTOWW/TOC = <u>.16</u> ft. | | | |

Y-12 GWPP WIF Rev 5 (2/16/2000)

Inspection Date:

5/22/01

Inspected By:

MB/AH

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 61-042

WELL INFORMATION

Well Number: W-782Screen Or Open Interval: 10.00Site: GRIPESConstructed Depth: 32.98 + 0.14 = 33.14

PRIMARY INSPECTION ITEMS

WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC

1. Is the well casing corroded, bent, cracked, or broken?
2. Is the protective surface casing corroded, bent, or broken?
3. Is a weep located at the base of the protective casing?
4. Is the well casing loose?

| NO | YES | N/A |
|-------------------------------------|--------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

WELL SECURITY:

1. Does the well have a cap or lid?
2. Does the well have a waterproof steel/brass lock?
3. Are the hasps firmly welded to well cap and/or metal casing?
4. If flush-mounted, is the traffic cover securely bolted to the christy box?
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?

| NO | YES | N/A |
|--------------------------|-------------------------------------|-------------------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)
2. Measured depth of well from top of well casing:
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?
5. Do any obstructions occur within the well?

| NO | YES | N/A |
|-------------------------------------|-------------------------------------|--------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | <u>38.09</u> | ft. |
| | <u>0.005</u> | % |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

SECONDARY INSPECTION ITEMS

WELL ACCESS:

1. Does the access road require grading or additional gravel?
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well?

| NO | YES | N/A |
|-------------------------------------|--------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Explain: _____

WELL IDENTIFICATION:

1. Is a stainless plate with engraved well number attached to the outermost casing?
2. Is the well number legible?
3. Is the well identification number correct?

| NO | YES | N/A |
|-------------------------------------|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?
2. Is the pad cracked or deteriorated?
3. Is the pad sloped to prevent water from ponding around the casing or christy box?
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?

| NO | YES | N/A |
|-------------------------------------|-------------------------------------|-------------------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

GUARD POSTS:

1. Are the guard posts damaged?
2. Are the guardposts positioned to prevent collision damage to well?
3. Are the guardposts of adequate height?
4. Is the high-traffic yellow paint degraded?

| NO | YES | N/A |
|-------------------------------------|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

WELL MAINTENANCE REQUEST

Complete this section if at least one shaded box has a check mark:

☐ Primary Items☐ Secondary Items

Maintenance Request Number (from request form): _____

COMMENTS

Bottom of the well: solid or soft?Is dedicated sampling equipment present? yesΔTOWW/TOC = .16 ft.

Inspection Date:

4/18/01

Inspected By:

mB/mAB

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-054

WELL INFORMATION

Well Number: GW-784Site: GRIP RIScreen Or Open Interval: 10.00Constructed Depth: 66.54 + 0.17 = 66.73

PRIMARY INSPECTION ITEMS

WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC

1. Is the well casing corroded, bent, cracked, or broken?
2. Is the protective surface casing corroded, bent, or broken?
3. Is a weep located at the base of the protective casing?
4. Is the well casing loose?

| NO | YES | N/A |
|-------------------------------------|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

WELL SECURITY:

1. Does the well have a cap or lid?
2. Does the well have a waterproof steel/brass lock?
3. Are the hasps firmly welded to well cap and/or metal casing?
4. If flush-mounted, is the traffic cover securely bolted to the christy box?
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?

| NO | YES | N/A |
|-------------------------------------|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)
2. Measured depth of well from top of well casing:
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?
5. Do any obstructions occur within the well?

| NO | YES | N/A |
|-------------------------------------|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | <u>66.80</u> | ft. |
| | <u>-0.007</u> | % |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

SECONDARY INSPECTION ITEMS

WELL ACCESS:

1. Does the access road require grading or additional gravel?
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well?

| NO | YES | N/A |
|-------------------------------------|-------------------------------------|-------------------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Explain: _____

WELL IDENTIFICATION:

1. Is a stainless plate with engraved well number attached to the outermost casing?
2. Is the well number legible?
3. Is the well identification number correct?

| NO | YES | N/A |
|-------------------------------------|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?
2. Is the pad cracked or deteriorated?
3. Is the pad sloped to prevent water from ponding around the casing or christy box?
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?

| NO | YES | N/A |
|-------------------------------------|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

GUARD POSTS:

1. Are the guard posts damaged?
2. Are the guardposts positioned to prevent collision damage to well?
3. Are the guardposts of adequate height?
4. Is the high-traffic yellow paint degraded?

| NO | YES | N/A |
|-------------------------------------|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

WELL MAINTENANCE REQUEST

Complete this section if at least one shaded box has a check mark:

☐ Primary Items☐ Secondary Items

Maintenance Request Number (from request form): _____

COMMENTS

Bottom of the well: solid or soft?Is dedicated sampling equipment present? yesΔTOWW/TOC = .17

Inspection Date:

5/21/01

Inspected By:

MB/AH

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-057

| WELL INFORMATION | | | |
|--|--|---|-------------------------------------|
| Well Number: <u>6W-785</u> | Screen Or Open Interval: <u>10.00</u> | | |
| Site: <u>GRID D1</u> | Constructed Depth: <u>26.74 + 0.15 = 26.89</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>26.96</u> ft. | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>-0.005</u> % | | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | |
| Complete this section if at least one shaded box has a check mark: | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | |
| Maintenance Request Number (from request form): _____ | | | |
| COMMENTS | | | |
| Bottom of the well: solid or soft? | | Is dedicated sampling equipment present? <u>yes</u> | |
| | | | |
| | | | |
| | | | |
| $\Delta \text{TOWW} / \text{TOC} = .15$ ft. | | | |

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-039

| WELL INFORMATION | | | |
|---|--|---|-------------------------------------|
| Well Number: <u>GW-789</u> | Screen Or Open Interval: <u>10.0</u> | | |
| Site: <u>GRIO F3</u> | Constructed Depth: <u>25.13 + 0.14</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/ <u>FOWW</u>) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>25.55</u> ft. | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>0.026</u> % | | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | |
| Complete this section if at least one shaded box has a check mark: | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | |
| Maintenance Request Number (from request form): _____ | | | |
| COMMENTS | | | |
| Bottom of the well: <u>solid</u> or soft? | | Is dedicated sampling equipment present? <u>yes</u> | |
| | | | |
| | | | |
| | | | |
| Δ FOWW/TOC = <u>.16</u> ft. | | | |

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#61-118

| WELL INFORMATION | | | | | | |
|---|-------------------|--|--|---|-------------------------------------|----|
| Well Number: | <u>6W-796</u> | | Screen Or Open Interval: | <u>10.0</u> | | |
| Site: | <u>Landfill V</u> | | Constructed Depth: | <u>183.32</u> | | |
| PRIMARY INSPECTION ITEMS | | | | | | |
| WELL CASINGS: | | | <input type="checkbox"/> Steel | <input checked="" type="checkbox"/> Stainless Steel | <input type="checkbox"/> PVC | |
| | | | NO | YES | N/A | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the PVC well casing cracked or broken? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 3. Is a protective surface casing installed? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. Is the protective surface casing corroded, bent, or broken? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 5. Is a weep located at the base of the protective casing? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| WELL SECURITY: | | | | | | |
| 1. Does the well have a cap or lid? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Does the well have a waterproof steel/brass lock? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| DOWNHOLE CONDITION: | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Measured depth of well from top of well casing: | | | <u>145.40</u> | | | ft |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | | <u>N/A</u> | | | % |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 5. Do any obstructions occur within the well? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| SECONDARY INSPECTION ITEMS | | | | | | |
| WELL ACCESS: | | | NO | YES | N/A | |
| 1. Does the access road require grading or additional gravel? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Explain: _____ | | | | | | |
| WELL IDENTIFICATION: | | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the well number legible? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is the well identification number correct? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| CONCRETE PAD: | | | | | | |
| 1. Is a concrete pad installed (active wells only)? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the pad cracked or deteriorated? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| GUARD POSTS: | | | | | | |
| 1. Are the guard posts damaged? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Are the guardposts positioned to prevent collision damage to well? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Are the guardposts of adequate height? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. Is the high-traffic yellow paint degraded? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| WELL MAINTENANCE REQUEST | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | |
| <input type="checkbox"/> Primary Items | | | <input type="checkbox"/> Secondary Items | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | |
| COMMENTS | | | | | | |
| <u>Hand tag of bottom</u> | | | | | | |
| | | | | | | |
| | | | | | | |

Inspected By: [Signature]

Inspection Date: 9-13-01

Superintendent Review/Approval: [Signature]

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-119

| WELL INFORMATION | | | |
|---|--|--|--|
| Well Number: <u>GW-798</u> | Screen Or Open Interval: <u>10.0</u> | | |
| Site: <u>Landfill VII</u> | Constructed Depth: <u>134.50</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO YES N/A | | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 2. Is the PVC well casing cracked or broken? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 3. Is a protective surface casing installed? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 4. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 5. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| WELL SECURITY: 1. Does the well have a cap or lid? 2. Does the well have a waterproof steel/brass lock? 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| DOWNHOLE CONDITION: 1. Is a measurement reference point marked on the top of the well casing? 2. Measured depth of well from top of well casing: 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length 4. Is this value > 0.2 (represents % of screen or open - hole interval)? 5. Do any obstructions occur within the well? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <u>134.10</u> ft <u>.04</u> % <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: 1. Does the access road require grading or additional gravel? 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____ | NO YES N/A <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| WELL IDENTIFICATION: 1. Is a stainless plate with engraved well number attached to the outermost casing? 2. Is the well number legible? 3. Is the well identification number correct? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| CONCRETE PAD: 1. Is a concrete pad installed (active wells only)? 2. Is the pad cracked or deteriorated? 3. Is the pad sloped to prevent water from ponding around the casing? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| GUARD POSTS: 1. Are the guard posts damaged? 2. Are the guardposts positioned to prevent collision damage to well? 3. Are the guardposts of adequate height? 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| WELL MAINTENANCE REQUEST: | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | |
| <input type="checkbox"/> Primary Items <input type="checkbox"/> Secondary Items | | | |
| Request numbers for maintenance performed on this well: _____ | | | |
| COMMENTS | | | |
| <u>Hand tag of bottom</u> | | | |

Inspected By: _____

[Signature]

Inspection Date: 9-13-01

Superintendent Review/Approval: _____

[Signature]

Date: 10/11/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
#01-120

| WELL INFORMATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|-------------------------------------|--------------------------|-----|-----|---|-------------------------------------|-------------------------------------|--------------------------|---|-------------------------------------|-------------------------------------|--------------------------|---|-------------------------------------|-------------------------------------|--------------------------|--|-------------------------------------|-------------------------------------|--------------------------|--|-------------------------------------|-------------------------------------|--------------------------|---|-------------------------------------|-------------------------------------|--------------------------|
| Well Number: <u>GW-7995</u> | Screen Or Open Interval: <u>9.4</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Site: <u>Landfill V</u> | Constructed Depth: <u>94.99</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY INSPECTION ITEMS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th></th> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> <tr> <td>1. Is the steel or stainless steel well casing corroded, bent, or broken?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Is the PVC well casing cracked or broken?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>3. Is a protective surface casing installed?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>4. Is the protective surface casing corroded, bent, or broken?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>5. Is a weep located at the base of the protective casing?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>6. Is the steel, stainless steel, or PVC well casing loose?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </table> | | NO | YES | N/A | 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Is the PVC well casing cracked or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. Is a protective surface casing installed? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 5. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | NO | YES | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Is the PVC well casing cracked or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Is a protective surface casing installed? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL SECURITY: | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th></th> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> <tr> <td>1. Does the well have a cap or lid?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Does the well have a waterproof steel/brass lock?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>3. Are the hasps firmly welded to well cap and/or metal casing?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </table> | | NO | YES | N/A | 1. Does the well have a cap or lid? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Does the well have a waterproof steel/brass lock? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. Are the hasps firmly welded to well cap and/or metal casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | |
| | NO | YES | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Does the well have a cap or lid? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Does the well have a waterproof steel/brass lock? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DOWNHOLE CONDITION: | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th></th> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> <tr> <td>1. Is a measurement reference point marked on the top of the well casing?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Measured depth of well from top of well casing:</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>4. Is this value > 0.2 (represents % of screen or open - hole interval)?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>5. Do any obstructions occur within the well?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </table> | | NO | YES | N/A | 1. Is a measurement reference point marked on the top of the well casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Measured depth of well from top of well casing: | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | |
| | NO | YES | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Measured depth of well from top of well casing: | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SECONDARY INSPECTION ITEMS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL ACCESS: | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th></th> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> <tr> <td>1. Does the access road require grading or additional gravel?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Do any obstructions (locked gates, fallen trees, etc.) block access to well?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </table> | | NO | YES | N/A | 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | |
| | NO | YES | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Explain: _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL IDENTIFICATION: | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th></th> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> <tr> <td>1. Is a stainless plate with engraved well number attached to the outermost casing?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Is the well number legible?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>3. Is the well identification number correct?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </table> | | NO | YES | N/A | 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Is the well number legible? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. Is the well identification number correct? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | |
| | NO | YES | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | NO | YES | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| GUARD POSTS: | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th></th> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> <tr> <td>1. Are the guard posts damaged?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Are the guardposts positioned to prevent collision damage to well?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>3. Are the guardposts of adequate height?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>4. Is the high-traffic yellow paint degraded?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </table> | | NO | YES | N/A | 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Are the guardposts positioned to prevent collision damage to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. Are the guardposts of adequate height? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | |
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| WELL MAINTENANCE REQUEST: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Primary Items <input type="checkbox"/> Secondary Items | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COMMENTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>Hard lag of bottom</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Inspected By: [Signature]

Inspection Date: 9-13-01

Superintendent Review/Approval: [Signature]

Date: 10/11/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
#01-121

| WELL INFORMATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|-------------------------------------|-------------------------------------|--------------------------|-------------------------------------|---|-------------------------------------|-------------------------------------|-------------------------------------|---|-------------------------------------|-------------------------------------|--------------------------|--|-------------------------------------|-------------------------------------|--------------------------|--|-------------------------------------|-------------------------------------|--------------------------|--|-------------------------------------|-------------------------------------|--------------------------|---|-------------------------------------|-------------------------------------|--------------------------|
| Well Number: <u>GW-801</u> | Screen Or Open Interval: <u>9.9</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Site: <u>Landfill</u> | Constructed Depth: <u>192.04</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY INSPECTION ITEMS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> </thead> <tbody> <tr> <td>1. Is the steel or stainless steel well casing corroded, bent, or broken?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Is the PVC well casing cracked or broken?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>3. Is a protective surface casing installed?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>4. Is the protective surface casing corroded, bent, or broken?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>5. Is a weep located at the base of the protective casing?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>6. Is the steel, stainless steel, or PVC well casing loose?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </tbody> </table> | | NO | YES | N/A | 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Is the PVC well casing cracked or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. Is a protective surface casing installed? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 5. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
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| WELL SECURITY: 1. Does the well have a cap or lid? 2. Does the well have a waterproof steel/brass lock? 3. Are the hasps firmly welded to well cap and/or metal casing? | <table border="1" style="width:100%; border-collapse: collapse;"> <tbody> <tr> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </tbody> </table> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DOWNHOLE CONDITION: 1. Is a measurement reference point marked on the top of the well casing? 2. Measured depth of well from top of well casing: 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length 4. Is this value > 0.2 (represents % of screen or open - hole interval)? 5. Do any obstructions occur within the well? | <table border="1" style="width:100%; border-collapse: collapse;"> <tbody> <tr> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td></td> <td align="center"><u>196.56</u> ft</td> <td></td> </tr> <tr> <td></td> <td align="center"><u>.154</u> %</td> <td></td> </tr> <tr> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </tbody> </table> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | <u>196.56</u> ft | | | <u>.154</u> % | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | |
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| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SECONDARY INSPECTION ITEMS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL MAINTENANCE REQUEST: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Primary Items <input type="checkbox"/> Secondary Items | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COMMENTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>Check log of bottom</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Inspected By: Jay Mitchell

Inspection Date: 9-13-01

Superintendent Review/Approval: B. S. W. W. W.

Date: 10/1/01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO: 01-051

| WELL INFORMATION | | | |
|--|--|---|--|
| Well Number: <u>62-816</u> | Screen Or Open Interval: <u>9.00</u> | | |
| Site: <u>EXP-SR</u> | Constructed Depth: <u>17.25 + 0.20 = 17.45</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO YES N/A | | |
| 1. Is the well casing corroded, bent, cracked, or broken? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | | |
| 2. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | | |
| 3. Is a weep located at the base of the protective casing? | <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> | | |
| 4. Is the well casing loose? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | | |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> | | |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> | | |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC <u>TOWW</u>) | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 2. Measured depth of well from top of well casing: | <u>18.0</u> | ft. | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>-0.06</u> | % | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | | |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | | |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO YES N/A | | |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | | |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 2. Is the well number legible? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 3. Is the well identification number correct? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | | |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> | | |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> | | |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | | |
| WELL MAINTENANCE REQUEST | | | |
| Complete this section if at least one shaded box has a check mark: | | | |
| <input type="checkbox"/> Primary Items | | <input type="checkbox"/> Secondary Items | |
| Maintenance Request Number (from request form): _____ | | | |
| COMMENTS | | | |
| Bottom of the well: <u>solid</u> or soft? | | Is dedicated sampling equipment present? <u>yes</u> | |
| | | | |
| | | | |
| Δ(TOWW)TOC = <u>.20</u> ft. | | | |

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-012

| WELL INFORMATION | | | | |
|--|--------------------------------------|---|-------------------------------------|-------------------------------------|
| Well Number: <u>G-829</u> | Screen Or Open Interval: <u>7.80</u> | Constructed Depth: <u>118.36 + 0.17 = 118.53</u> | | |
| Site: <u>OLF</u> | | | | |
| PRIMARY INSPECTION ITEMS | | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | | NO | YES | N/A |
| 1. Is the well casing corroded, bent, cracked, or broken? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the protective surface casing corroded, bent, or broken? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a weep located at the base of the protective casing? | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the well casing loose? | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| WELL SECURITY: | | | | |
| 1. Does the well have a cap or lid? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover securely bolted to the christy box? | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. If flush-mounted, is the well cap tight and the rubber seal in good condition? | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| DOWNHOLE CONDITION: | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW) | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | | <u>118.81</u> ft. | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | <u>- 0.008</u> % | | |
| 4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | | |
| WELL ACCESS: | | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | | |
| WELL IDENTIFICATION: | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | | |
| 1. Is a concrete pad installed (active wells only)? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing or christy box? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted? | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| GUARD POSTS: | | | | |
| 1. Are the guard posts damaged? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | | |
| Complete this section if at least one shaded box has a check mark: | | | | |
| <input type="checkbox"/> Primary Items | | <input type="checkbox"/> Secondary Items | | |
| Maintenance Request Number (from request form): _____ | | | | |
| COMMENTS | | | | |
| Bottom of the well: solid or soft? | | Is dedicated sampling equipment present? <u>yes</u> | | |
| | | | | |
| | | | | |
| | | | | |
| Δ (TOWW)/TOC = <u>.17</u> ft. | | | | |

Inspection Date:

1/29/01

Inspected By:

MB/AH

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#61-122

| WELL INFORMATION | | | |
|---|---|--|-------------------------------------|
| Well Number: <u>GW-831 /</u> | Screen Or Open Interval: <u>10.4</u> | | |
| Site: <u>M5H Reservoir Basin</u> | Constructed Depth: <u>203.05</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: | <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES N/A |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the PVC well casing cracked or broken? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Is a protective surface casing installed? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the protective surface casing corroded, bent, or broken? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>206.1</u> | | ft |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>w/ft</u> | | % |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | | NO | YES N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST: | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | |
| <input type="checkbox"/> Primary Items | | <input type="checkbox"/> Secondary Items | |
| Request numbers for maintenance performed on this well: _____ | | | |
| COMMENTS | | | |
| <u>Hand tag of bottom</u> | | | |
| | | | |
| | | | |

Inspected By: SM Kelm

Inspection Date: 9-28-07

Superintendent Review/Approval: BBK [Signature]

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-149

| WELL INFORMATION | | | |
|--|--|-------------------------------------|-------------------------------------|
| Well Number: <u>BW-932</u> | Screen Or Open Interval: <u>5.0</u> | | |
| Site: <u>New Hope Pond</u> | Constructed Depth: <u>12.0</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input checked="" type="checkbox"/> PVC | | NO | YES |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Is the PVC well casing cracked or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a protective surface casing installed? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the protective surface casing corroded, bent, or broken? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>11.84</u> ft | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>0.22</u> % | | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | | NO | YES |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| WELL MAINTENANCE REQUEST: | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | |
| Request numbers for maintenance performed on this well: _____ | | | |
| COMMENTS | | | |
| <u>Flush Mount</u> | | | |

Inspected By: SWK

Superintendent Review/Approval: HU Clancy

Inspection Date: 9-20-01

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
401-150

| WELL INFORMATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|-------------------------------------|-------------------------------------|-------------------------------------|---|-------------------------------------|-------------------------------------|-------------------------------------|---|-------------------------------------|-------------------------------------|-------------------------------------|--|-------------------------------------|--------------------------|-------------------------------------|--|-------------------------------------|--------------------------|-------------------------------------|--|--------------------------|--------------------------|-------------------------------------|---|-------------------------------------|--------------------------|--------------------------|
| Well Number: <u>GW-835</u> | Screen Or Open Interval: <u>2.0</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Site: <u>S-3</u> | Constructed Depth: <u>19.20</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY INSPECTION ITEMS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL CASINGS: <input type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input checked="" type="checkbox"/> PVC | <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> </thead> <tbody> <tr> <td>1. Is the steel or stainless steel well casing corroded, bent, or broken?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> </tr> <tr> <td>2. Is the PVC well casing cracked or broken?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>3. Is a protective surface casing installed?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> </tr> <tr> <td>4. Is the protective surface casing corroded, bent, or broken?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> </tr> <tr> <td>5. Is a weep located at the base of the protective casing?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> </tr> <tr> <td>6. Is the steel, stainless steel, or PVC well casing loose?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </tbody> </table> | | NO | YES | N/A | 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 2. Is the PVC well casing cracked or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 3. Is a protective surface casing installed? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 4. Is the protective surface casing corroded, bent, or broken? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 5. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | NO | YES | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Is the PVC well casing cracked or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Is a protective surface casing installed? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. Is the protective surface casing corroded, bent, or broken? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. Is a weep located at the base of the protective casing? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL SECURITY: | <table border="1" style="width:100%; border-collapse: collapse;"> <tbody> <tr> <td>1. Does the well have a cap or lid?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Does the well have a waterproof steel/brass lock?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>3. Are the hasps firmly welded to well cap and/or metal casing?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </tbody> </table> | 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DOWNHOLE CONDITION: | <table border="1" style="width:100%; border-collapse: collapse;"> <tbody> <tr> <td>1. Is a measurement reference point marked on the top of the well casing?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Measured depth of well from top of well casing:</td> <td align="center" colspan="3"><u>19.2</u> ft</td> </tr> <tr> <td>3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length</td> <td align="center" colspan="3"><u>0</u> %</td> </tr> <tr> <td>4. Is this value > 0.2 (represents % of screen or open - hole interval)?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>5. Do any obstructions occur within the well?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </tbody> </table> | 1. Is a measurement reference point marked on the top of the well casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Measured depth of well from top of well casing: | <u>19.2</u> ft | | | 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>0</u> % | | | 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Measured depth of well from top of well casing: | <u>19.2</u> ft | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>0</u> % | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SECONDARY INSPECTION ITEMS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL ACCESS: | <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> </thead> <tbody> <tr> <td>1. Does the access road require grading or additional gravel?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Do any obstructions (locked gates, fallen trees, etc.) block access to well?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </tbody> </table> | | NO | YES | N/A | 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | |
| | NO | YES | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Explain: _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL IDENTIFICATION: | <table border="1" style="width:100%; border-collapse: collapse;"> <tbody> <tr> <td>1. Is a stainless plate with engraved well number attached to the outermost casing?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Is the well number legible?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>3. Is the well identification number correct?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> </tbody> </table> | 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONCRETE PAD: | <table border="1" style="width:100%; border-collapse: collapse;"> <tbody> <tr> <td>1. Is a concrete pad installed (active wells only)?</td> <td align="center"><input checked="" type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>2. Is the pad cracked or deteriorated?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> </tr> <tr> <td>3. Is the pad sloped to prevent water from ponding around the casing?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> </tr> </tbody> </table> | 1. Is a concrete pad installed (active wells only)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2. Is the pad cracked or deteriorated? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 3. Is the pad sloped to prevent water from ponding around the casing? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | |
| 1. Is a concrete pad installed (active wells only)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Is the pad cracked or deteriorated? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GUARD POSTS: | <table border="1" style="width:100%; border-collapse: collapse;"> <tbody> <tr> <td>1. Are the guard posts damaged?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> </tr> <tr> <td>2. Are the guardposts positioned to prevent collision damage to well?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> </tr> <tr> <td>3. Are the guardposts of adequate height?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> </tr> <tr> <td>4. Is the high-traffic yellow paint degraded?</td> <td align="center"><input type="checkbox"/></td> <td align="center"><input type="checkbox"/></td> <td align="center"><input checked="" type="checkbox"/></td> </tr> </tbody> </table> | 1. Are the guard posts damaged? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 4. Is the high-traffic yellow paint degraded? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | |
| 1. Are the guard posts damaged? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. Is the high-traffic yellow paint degraded? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL MAINTENANCE REQUEST: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Primary Items | <input checked="" type="checkbox"/> Secondary Items | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Request numbers for maintenance performed on this well: <u>01-BIC-0025</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COMMENTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>Well has a laminated tag taped on well</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Inspected By: SMCline

Inspection Date: 9-19-01

Superintendent Review/Approval: H McCleary

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-151

| WELL INFORMATION | | | |
|---|---|--|------------------------------|
| Well Number: <u>111-541</u> | Screen Or Open Interval: <u>5.02</u> | | |
| Site: <u>Starkborough</u> | Constructed Depth: <u>10.3</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: | <input checked="" type="checkbox"/> Steel | <input type="checkbox"/> Stainless Steel | <input type="checkbox"/> PVC |
| | NO | YES | N/A |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the PVC well casing cracked or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a protective surface casing installed? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>10.1</u> ft | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>.04</u> % | | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST: | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | |
| <input type="checkbox"/> Primary Items | <input checked="" type="checkbox"/> Secondary Items | | |
| Request numbers for maintenance performed on this well: <u>01-135E-0065</u> | | | |
| COMMENTS | | | |
| | | | |
| | | | |
| | | | |

Inspected By: SWK

Inspection Date: 9-26-01

Superintendent Review/Approval: HMC

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#61-152

| WELL INFORMATION | | | |
|---|--|--|--|
| Well Number: <u>662-842</u> | Screen Or Open Interval: <u>10.0</u> | | |
| Site: <u>Scarlborough</u> | Constructed Depth: <u>25.0</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC 1. Is the steel or stainless steel well casing corroded, bent, or broken? 2. Is the PVC well casing cracked or broken? 3. Is a protective surface casing installed? 4. Is the protective surface casing corroded, bent, or broken? 5. Is a weep located at the base of the protective casing? 6. Is the steel, stainless steel, or PVC well casing loose? | NO YES N/A <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| WELL SECURITY: 1. Does the well have a cap or lid? 2. Does the well have a waterproof steel/brass lock? 3. Are the hasps firmly welded to well cap and/or metal casing? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| DOWNHOLE CONDITION: 1. Is a measurement reference point marked on the top of the well casing? 2. Measured depth of well from top of well casing: 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length 4. Is this value > 0.2 (represents % of screen or open - hole interval)? 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <u>24.8</u> ft <u>0.2</u> % <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: 1. Does the access road require grading or additional gravel? 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____ | NO YES N/A <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| WELL IDENTIFICATION: 1. Is a stainless plate with engraved well number attached to the outermost casing? 2. Is the well number legible? 3. Is the well identification number correct? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| CONCRETE PAD: 1. Is a concrete pad installed (active wells only)? 2. Is the pad cracked or deteriorated? 3. Is the pad sloped to prevent water from ponding around the casing? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | | |
| GUARD POSTS: 1. Are the guard posts damaged? 2. Are the guardposts positioned to prevent collision damage to well? 3. Are the guardposts of adequate height? 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| WELL MAINTENANCE REQUEST | | | |
| Complete only if any of the above shaded yes/no boxes are checked: <div style="display: flex; justify-content: space-around;"> <input type="checkbox"/> Primary Items <input type="checkbox"/> Secondary Items </div> Request numbers for maintenance performed on this well: _____ | | | |
| COMMENTS | | | |
| <u>Hand tag of bottom</u> | | | |

Inspected By: S. Silva

Inspection Date: 9-26-02 92601

Superintendent Review/Approval: H. M. Clancy

Date: 03/26/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-153

| WELL INFORMATION | | | |
|---|---|-------------------------------------|--|
| Well Number: <u>WV-843</u> | Screen Or Open Interval: <u>13.12</u> | | |
| Site: <u>Seabrook</u> | Constructed Depth: <u>67.0</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: | <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES N/A |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Is the PVC well casing cracked or broken? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 3. Is a protective surface casing installed? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 4. Is the protective surface casing corroded, bent, or broken? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 5. Is a weep located at the base of the protective casing? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 6. Is the steel, stainless steel, or PVC well casing loose? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>66.7</u> ft | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>103</u> % | | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | | NO | YES N/A |
| 1. Does the access road require grading or additional gravel? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Is the well number legible? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 3. Is the well identification number correct? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | |
| <input type="checkbox"/> Primary Items | <input checked="" type="checkbox"/> Secondary Items | | |
| Request numbers for maintenance performed on this well: <u>01-1336-0075</u> | | | |
| COMMENTS | | | |
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Inspected By: SM/Seaman

Inspection Date: 6-26-01

Superintendent Review/Approval: HMcClancy

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-154

| WELL INFORMATION | | | |
|---|---|---|-------------------------------------|
| Well Number: <u>6W-344</u> | Screen Or Open Interval: <u>18.0</u> | | |
| Site: <u>Starborough</u> | Constructed Depth: <u>175.0</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: | <input checked="" type="checkbox"/> Steel | <input type="checkbox"/> Stainless Steel | <input type="checkbox"/> PVC |
| | NO | YES | N/A |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the PVC well casing cracked or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a protective surface casing installed? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the protective surface casing corroded, bent, or broken? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | <u>174.3</u> | | ft |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | <u>.07</u> | | % |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | |
| <input type="checkbox"/> Primary Items | | <input checked="" type="checkbox"/> Secondary Items | |
| Request numbers for maintenance performed on this well: <u>01-BJC-0055</u> | | | |
| COMMENTS | | | |
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Inspected By: SM Schaefer

Inspection Date: 9-26-01

Superintendent Review/Approval: H M Clancy

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-156

| WELL INFORMATION | | | | | | |
|---|-------------------|--|---|---|------------------------------|----|
| Well Number: | <u>GW-916</u> | | Screen Or Open Interval: | <u>20 ft.</u> | | |
| Site: | <u>Y-12 EMMWF</u> | | Constructed Depth: | <u>37.5</u> | | |
| PRIMARY INSPECTION ITEMS | | | | | | |
| WELL CASINGS: | | | <input checked="" type="checkbox"/> Steel | <input checked="" type="checkbox"/> Stainless Steel | <input type="checkbox"/> PVC | |
| | | | NO | YES | N/A | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the PVC well casing cracked or broken? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is a protective surface casing installed? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. Is the protective surface casing corroded, bent, or broken? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 5. Is a weep located at the base of the protective casing? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| WELL SECURITY: | | | | | | |
| 1. Does the well have a cap or lid? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Does the well have a waterproof steel/brass lock? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| DOWNHOLE CONDITION: | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Measured depth of well from top of well casing: | | | | | | ft |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | | | | | % |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 5. Do any obstructions occur within the well? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| SECONDARY INSPECTION ITEMS | | | | | | |
| WELL ACCESS: | | | NO | YES | N/A | |
| 1. Does the access road require grading or additional gravel? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Explain: _____ | | | | | | |
| WELL IDENTIFICATION: | | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the well number legible? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is the well identification number correct? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| CONCRETE PAD: | | | | | | |
| 1. Is a concrete pad installed (active wells only)? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the pad cracked or deteriorated? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| GUARD POSTS: | | | | | | |
| 1. Are the guard posts damaged? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Are the guardposts positioned to prevent collision damage to well? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Are the guardposts of adequate height? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. Is the high-traffic yellow paint degraded? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| WELL MAINTENANCE REQUEST | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | |
| <input type="checkbox"/> Primary Items | | | <input type="checkbox"/> Secondary Items | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | |
| COMMENTS | | | | | | |
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Inspected By: [Signature]

Inspection Date: 9-26-01

Superintendent Review/Approval: [Signature]

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#61-157

| WELL INFORMATION | | | |
|--|--|-------------------------------------|--------------------------|
| Well Number: <u>GLW-917</u> | Screen Or Open Interval: <u>30 ft</u> | | |
| Site: <u>Y-12 EMUWMP</u> | Constructed Depth: <u>51.0</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input checked="" type="checkbox"/> Steel <i>29-76-01</i> <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the PVC well casing cracked or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a protective surface casing installed? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | ft % | | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST: | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | |
| Request numbers for maintenance performed on this well: _____ | | | |
| COMMENTS | | | |
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Inspected By: S. J. [Signature]

Inspection Date: 9-20-01

Superintendent Review/Approval: HMClaney

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-158

| WELL INFORMATION | | | |
|--|--|-------------------------------------|--------------------------|
| Well Number: <u>GW-918</u> | Screen Or Open Interval: <u>10 ft</u> | | |
| Site: <u>Y-12 E-MWMF</u> | Constructed Depth: <u>25.0</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input checked="" type="checkbox"/> Steel <u>AS 4-26-01</u> <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the PVC well casing cracked or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a protective surface casing installed? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: _____ | | | ft |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | | % |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST: | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | |
| Request numbers for maintenance performed on this well: _____ | | | |
| COMMENTS | | | |
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Inspected By: SM Seiser

Inspection Date: 9-26-01

Superintendent Review/Approval: H McClancy

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01159

| WELL INFORMATION | | | | | | |
|---|--------------------|--|--|-------------------------------------|--------------------------|--|
| Well Number: | <u>GW-920</u> | | Screen Or Open Interval: | <u>30 ft</u> | | |
| Site: | <u>Y-12 EMU/MF</u> | | Constructed Depth: | <u>34.0</u> | | |
| PRIMARY INSPECTION ITEMS | | | | | | |
| WELL CASINGS: <input checked="" type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | | | NO | YES | N/A | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the PVC well casing cracked or broken? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is a protective surface casing installed? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. Is the protective surface casing corroded, bent, or broken? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 5. Is a weep located at the base of the protective casing? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| WELL SECURITY: | | | | | | |
| 1. Does the well have a cap or lid? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Does the well have a waterproof steel/brass lock? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| DOWNHOLE CONDITION: | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Measured depth of well from top of well casing: | | | | | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | | | | | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 5. Do any obstructions occur within the well? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| SECONDARY INSPECTION ITEMS | | | | | | |
| WELL ACCESS: | | | NO | YES | N/A | |
| 1. Does the access road require grading or additional gravel? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Explain: _____ | | | | | | |
| WELL IDENTIFICATION: | | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the well number legible? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is the well identification number correct? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| CONCRETE PAD: | | | | | | |
| 1. Is a concrete pad installed (active wells only)? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the pad cracked or deteriorated? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| GUARD POSTS: | | | | | | |
| 1. Are the guard posts damaged? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Are the guardposts positioned to prevent collision damage to well? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Are the guardposts of adequate height? | | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. Is the high-traffic yellow paint degraded? | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| WELL MAINTENANCE REQUEST: | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | |
| <input type="checkbox"/> Primary Items | | | <input type="checkbox"/> Secondary Items | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | |
| COMMENTS | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Inspected By: SMKear

Inspection Date: 9-26-01

Superintendent Review/Approval: HMC Clancy

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

401-140

| WELL INFORMATION | | | |
|--|--|-------------------------------------|--------------------------|
| Well Number: <u>GW-921</u> | Screen Or Open Interval: <u>30 ft</u> | | |
| Site: <u>Y-12 EMUWME</u> | Constructed Depth: <u>40.5</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input checked="" type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the PVC well casing cracked or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a protective surface casing installed? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | | | ft |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | | % |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST: | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | |
| Request numbers for maintenance performed on this well: _____ | | | |
| COMMENTS | | | |
| | | | |
| | | | |
| | | | |

Inspected By: SMK

Inspection Date: 8-26-01

Superintendent Review/Approval: HMC

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

**01-1406*

WELL INFORMATION

Well Number: GW-922
Site: Y-12 EMLWME

Screen Or Open Interval: 20 ft.
Constructed Depth: 46.0

PRIMARY INSPECTION ITEMS

WELL CASINGS:

☒ Steel *254 gwc* ☒ Stainless Steel ☐ PVC

NO YES N/A

1. Is the steel or stainless steel well casing corroded, bent, or broken?
2. Is the PVC well casing cracked or broken?
3. Is a protective surface casing installed?
4. Is the protective surface casing corroded, bent, or broken?
5. Is a weep located at the base of the protective casing?
6. Is the steel, stainless steel, or PVC well casing loose?

| | | |
|-------------------------------------|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

WELL SECURITY:

1. Does the well have a cap or lid?
2. Does the well have a waterproof steel/brass lock?
3. Are the hasps firmly welded to well cap and/or metal casing?

| | | |
|-------------------------------------|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?
2. Measured depth of well from top of well casing:
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length
4. Is this value > 0.2 (represents % of screen or open - hole interval)?
5. Do any obstructions occur within the well?

| | | |
|-------------------------------------|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

SECONDARY INSPECTION ITEMS

WELL ACCESS:

NO YES N/A

1. Does the access road require grading or additional gravel?
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well?

| | | |
|-------------------------------------|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Explain: _____

WELL IDENTIFICATION:

1. Is a stainless plate with engraved well number attached to the outermost casing?
2. Is the well number legible?
3. Is the well identification number correct?

| | | |
|-------------------------------------|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?
2. Is the pad cracked or deteriorated?
3. Is the pad sloped to prevent water from ponding around the casing?

| | | |
|-------------------------------------|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

GUARD POSTS:

1. Are the guard posts damaged?
2. Are the guardposts positioned to prevent collision damage to well?
3. Are the guardposts of adequate height?
4. Is the high-traffic yellow paint degraded?

| | | |
|-------------------------------------|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

WELL MAINTENANCE REQUEST:

Complete only if any of the above shaded yes/no boxes are checked:

☐ Primary Items

☐ Secondary Items

Request numbers for maintenance performed on this well: _____

COMMENTS

Inspected By: *[Signature]*

Inspection Date: 9-26-01

Superintendent Review/Approval: *[Signature]*

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-161

| WELL INFORMATION | | | |
|---|--|-------------------------------------|--------------------------|
| Well Number: <u>GW-923</u> | Screen Or Open Interval: <u>30 ft</u> | | |
| Site: <u>Y-12 EMWMF</u> | Constructed Depth: <u>38.4</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input checked="" type="checkbox"/> Steel <i>9.26.01</i> <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO YES N/A | | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the PVC well casing cracked or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a protective surface casing installed? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | | | ft |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | | % |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST: | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | |
| Request numbers for maintenance performed on this well: _____ | | | |
| COMMENTS | | | |
| <i>NOTE: Guard Post are in the process of being installed</i> | | | |
| | | | |
| | | | |

Inspected By: *[Signature]*

Inspection Date: 9-26-07

Superintendent Review/Approval: *[Signature]*

Date: 03/26/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-162

| WELL INFORMATION | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--------------------------|-----|-----|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|--|--|
| Well Number: <u>GW-924</u> | Screen Or Open Interval: <u>20 ft</u> | | | | | | | | | | | | | | | | | | | | | | | |
| Site: <u>Y-12 EMWME</u> | Constructed Depth: <u>54.0</u> | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY INSPECTION ITEMS | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL CASINGS: <input checked="" type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">NO</th> <th style="width: 33%;">YES</th> <th style="width: 33%;">N/A</th> </tr> </thead> <tbody> <tr><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input type="checkbox"/></td></tr> <tr><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input type="checkbox"/></td></tr> <tr><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input type="checkbox"/></td></tr> <tr><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input type="checkbox"/></td></tr> <tr><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input type="checkbox"/></td></tr> <tr><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input type="checkbox"/></td></tr> </tbody> </table> | NO | YES | N/A | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| NO | YES | N/A | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? 2. Is the PVC well casing cracked or broken? 3. Is a protective surface casing installed? 4. Is the protective surface casing corroded, bent, or broken? 5. Is a weep located at the base of the protective casing? 6. Is the steel, stainless steel, or PVC well casing loose? | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL SECURITY: 1. Does the well have a cap or lid? 2. Does the well have a waterproof steel/brass lock? 3. Are the hasps firmly welded to well cap and/or metal casing? | | | | | | | | | | | | | | | | | | | | | | | | |
| DOWNHOLE CONDITION: 1. Is a measurement reference point marked on the top of the well casing? 2. Measured depth of well from top of well casing: 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length 4. Is this value > 0.2 (represents % of screen or open - hole interval)? 5. Do any obstructions occur within the well? | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">NO</th> <th style="width: 33%;">YES</th> <th style="width: 33%;">N/A</th> </tr> </thead> <tbody> <tr><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input type="checkbox"/></td></tr> <tr><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input type="checkbox"/></td></tr> <tr><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input type="checkbox"/></td></tr> <tr><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input type="checkbox"/></td></tr> <tr><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input type="checkbox"/></td></tr> </tbody> </table> | | | NO | YES | N/A | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| NO | YES | N/A | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | |
| SECONDARY INSPECTION ITEMS | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL ACCESS: 1. Does the access road require grading or additional gravel? 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____ | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">NO</th> <th style="width: 33%;">YES</th> <th style="width: 33%;">N/A</th> </tr> </thead> <tbody> <tr><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input type="checkbox"/></td></tr> <tr><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input type="checkbox"/></td></tr> </tbody> </table> | | | NO | YES | N/A | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | |
| NO | YES | N/A | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | |
| WELL IDENTIFICATION: 1. Is a stainless plate with engraved well number attached to the outermost casing? 2. Is the well number legible? 3. Is the well identification number correct? | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">NO</th> <th style="width: 33%;">YES</th> <th style="width: 33%;">N/A</th> </tr> </thead> <tbody> <tr><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input type="checkbox"/></td></tr> <tr><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input type="checkbox"/></td></tr> <tr><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input type="checkbox"/></td></tr> </tbody> </table> | | | NO | YES | N/A | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | |
| NO | YES | N/A | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | |
| CONCRETE PAD: 1. Is a concrete pad installed (active wells only)? 2. Is the pad cracked or deteriorated? 3. Is the pad sloped to prevent water from ponding around the casing? | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">NO</th> <th style="width: 33%;">YES</th> <th style="width: 33%;">N/A</th> </tr> </thead> <tbody> <tr><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input type="checkbox"/></td></tr> <tr><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input type="checkbox"/></td></tr> <tr><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input type="checkbox"/></td></tr> </tbody> </table> | | | NO | YES | N/A | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | |
| NO | YES | N/A | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | |
| GUARD POSTS: 1. Are the guard posts damaged? 2. Are the guardposts positioned to prevent collision damage to well? 3. Are the guardposts of adequate height? 4. Is the high-traffic yellow paint degraded? | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">NO</th> <th style="width: 33%;">YES</th> <th style="width: 33%;">N/A</th> </tr> </thead> <tbody> <tr><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input type="checkbox"/></td></tr> <tr><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input type="checkbox"/></td></tr> <tr><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input type="checkbox"/></td></tr> <tr><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input checked="" type="checkbox"/></td><td align="center"><input type="checkbox"/></td></tr> </tbody> </table> | | | NO | YES | N/A | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | |
| NO | YES | N/A | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | |
| WELL MAINTENANCE REQUEST | | | | | | | | | | | | | | | | | | | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: <input type="checkbox"/> Primary Items <input type="checkbox"/> Secondary Items | | | | | | | | | | | | | | | | | | | | | | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | | | | | | | | | | | | | | | | | | | |
| COMMENTS | | | | | | | | | | | | | | | | | | | | | | | | |
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Inspected By: [Signature]

Inspection Date: 9-26-01

Superintendent Review/Approval: [Signature]

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-163

| WELL INFORMATION | | | |
|--|--|-------------------------------------|--------------------------|
| Well Number: <u>GW-925</u> | Screen Or Open Interval: <u>50 ft</u> | | |
| Site: <u>Y-12 EMWMF</u> | Constructed Depth: <u>149.0</u> | | |
| PRIMARY INSPECTION ITEMS | | | |
| WELL CASINGS: <input checked="" type="checkbox"/> Steel <u>CS 9-26-01</u> <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | NO | YES | N/A |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the PVC well casing cracked or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a protective surface casing installed? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the protective surface casing corroded, bent, or broken? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Is a weep located at the base of the protective casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 6. Is the steel, stainless steel, or PVC well casing loose? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL SECURITY: | | | |
| 1. Does the well have a cap or lid? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| DOWNHOLE CONDITION: | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | | | ft |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | | % |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Do any obstructions occur within the well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | |
| WELL ACCESS: | NO | YES | N/A |
| 1. Does the access road require grading or additional gravel? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Explain: _____ | | | |
| WELL IDENTIFICATION: | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the well number legible? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the well identification number correct? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| CONCRETE PAD: | | | |
| 1. Is a concrete pad installed (active wells only)? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| GUARD POSTS: | | | |
| 1. Are the guard posts damaged? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the guardposts of adequate height? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WELL MAINTENANCE REQUEST: | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | |
| <input type="checkbox"/> Primary Items | <input type="checkbox"/> Secondary Items | | |
| Request numbers for maintenance performed on this well: _____ | | | |
| COMMENTS | | | |
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Inspected By: SM/Klan

Inspection Date: 9-26-01

Superintendent Review/Approval: H. M. Clancy

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-164

| WELL INFORMATION | | | | | | |
|---|--------------------|--|---|---|-------------------------------------|-------------------------------------|
| Well Number: | <u>GW-926</u> | | Screen Or Open Interval: | <u>3c ft</u> | | |
| Site: | <u>Y-12 EMIWTF</u> | | Constructed Depth: | <u>149.0</u> | | |
| PRIMARY INSPECTION ITEMS | | | | | | |
| WELL CASINGS: | | | <input checked="" type="checkbox"/> Steel | <input checked="" type="checkbox"/> Stainless Steel | <input type="checkbox"/> PVC | |
| | | | | | NO | YES |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Is the PVC well casing cracked or broken? | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Is a protective surface casing installed? | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the protective surface casing corroded, bent, or broken? | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Is a weep located at the base of the protective casing? | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. Is the steel, stainless steel, or PVC well casing loose? | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| WELL SECURITY: | | | | | | |
| 1. Does the well have a cap or lid? | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Does the well have a waterproof steel/brass lock? | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| DOWNHOLE CONDITION: | | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Measured depth of well from top of well casing: | | | | | | ft |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | | | | | % |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Do any obstructions occur within the well? | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| SECONDARY INSPECTION ITEMS | | | | | | |
| WELL ACCESS: | | | | | NO | YES |
| 1. Does the access road require grading or additional gravel? | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Explain: _____ | | | | | | |
| WELL IDENTIFICATION: | | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Is the well number legible? | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Is the well identification number correct? | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| CONCRETE PAD: | | | | | | |
| 1. Is a concrete pad installed (active wells only)? | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Is the pad cracked or deteriorated? | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Is the pad sloped to prevent water from ponding around the casing? | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| GUARD POSTS: | | | | | | |
| 1. Are the guard posts damaged? | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Are the guardposts positioned to prevent collision damage to well? | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Are the guardposts of adequate height? | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the high-traffic yellow paint degraded? | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| WELL MAINTENANCE REQUEST: | | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | | |
| <input type="checkbox"/> Primary Items | | | <input type="checkbox"/> Secondary Items | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | | |
| COMMENTS | | | | | | |
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Inspected By: SM Kuer

Inspection Date: 9-26-01

Superintendent Review/Approval: HM Clancy

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-165

| WELL INFORMATION | | | | | |
|---|-------------------|--|-------------------------------------|--------------------------|--|
| Well Number: | <u>GW-927</u> | Screen Or Open Interval: | <u>30 ft</u> | | |
| Site: | <u>Y-12 EMWMF</u> | Constructed Depth: | <u>73.5</u> | | |
| PRIMARY INSPECTION ITEMS | | | | | |
| WELL CASINGS: <input checked="" type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC | | NO | YES | N/A | |
| 1. Is the steel or stainless steel well casing corroded, bent, or broken? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the PVC well casing cracked or broken? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is a protective surface casing installed? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. Is the protective surface casing corroded, bent, or broken? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 5. Is a weep located at the base of the protective casing? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 6. Is the steel, stainless steel, or PVC well casing loose? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| WELL SECURITY: | | | | | |
| 1. Does the well have a cap or lid? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Does the well have a waterproof steel/brass lock? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Are the hasps firmly welded to well cap and/or metal casing? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| DOWNHOLE CONDITION: | | | | | |
| 1. Is a measurement reference point marked on the top of the well casing? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Measured depth of well from top of well casing: | | | | | |
| 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length | | | | | |
| 4. Is this value > 0.2 (represents % of screen or open - hole interval)? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 5. Do any obstructions occur within the well? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| SECONDARY INSPECTION ITEMS | | | | | |
| WELL ACCESS: | | NO | YES | N/A | |
| 1. Does the access road require grading or additional gravel? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Explain: _____ | | | | | |
| WELL IDENTIFICATION: | | | | | |
| 1. Is a stainless plate with engraved well number attached to the outermost casing? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the well number legible? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is the well identification number correct? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| CONCRETE PAD: | | | | | |
| 1. Is a concrete pad installed (active wells only)? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Is the pad cracked or deteriorated? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Is the pad sloped to prevent water from ponding around the casing? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| GUARD POSTS: | | | | | |
| 1. Are the guard posts damaged? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Are the guardposts positioned to prevent collision damage to well? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Are the guardposts of adequate height? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. Is the high-traffic yellow paint degraded? | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| WELL MAINTENANCE REQUEST | | | | | |
| Complete only if any of the above shaded yes/no boxes are checked: | | | | | |
| <input type="checkbox"/> Primary Items | | <input type="checkbox"/> Secondary Items | | | |
| Request numbers for maintenance performed on this well: _____ | | | | | |
| COMMENTS | | | | | |
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Inspected By: SM Kelman

Inspection Date: 9-26-01

Superintendent Review/Approval: H M Clancy

Date: 03/20/02

APPENDIX C

COMPLETED WELL MAINTENANCE REQUESTS

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST (WMR)

WMR NUMBER: 01-002SWELL INSPECTION NO. NA

| | |
|---|--|
| WELL NUMBER: Multiple | LOCATION: See Attachment |
| INSPECTION DATE: NA | INSPECTED BY: NA |
| Maintenance To Be Performed: | |
| <input type="checkbox"/> Build/Repair Concrete Pad <input type="checkbox"/> Install/Repair Protective Posts <input type="checkbox"/> Repair/Replace Hasp <input type="checkbox"/> Replace Lock <input type="checkbox"/> Well Rehabilitation | <input type="checkbox"/> Replace Cap <input type="checkbox"/> Extend or Repair Casing <input type="checkbox"/> Well Identification <input checked="" type="checkbox"/> Well Access <input checked="" type="checkbox"/> Other |
| COMMENTS/EXPLANATION: <u>The attached list of wells need to be weedeated around the well or surface</u> | |
| <u>water site. If needed, clear the access to the site.</u> | |
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| MAINTENANCE PERFORMED BY: <u>Highland Drilling - Dewayne</u> | |
| DATE REQUEST SUBMITTED: <u>1/23/01</u> | DATE WORK COMPLETED: <u>7/25/01</u> |
| MAINTENANCE WORK PERFORMED: _____ | |
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| MAINTENANCE INSPECTED BY: <u>Brian Powell</u> | |
| DATE INSPECTED: <u>8/16/01</u> | |
| INSPECTION COMMENTS: _____ | |
| | |
| <u>Work Completed</u> | |
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APPROVED BY:

Brian Powell
PROJECT MANAGER GWPP OR DESIGNEE

DATE:

08/21/01

Attachment to Well Maintenance Request
01-002S

Wells to be weedeated

| |
|----------|
| GW-653 |
| GW-053 |
| GW-627 |
| GW-082 |
| GW-315 |
| GW-311 |
| GW-829 |
| GW-085 |
| GW-537 |
| GW-226 |
| |
| GW-364 |
| GW-365 |
| GW-098 |
| GW-225 |
| GW-124 |
| GW-616 |
| |
| SCR1.5SW |
| SCR2.2SP |
| SCR2.2SW |
| SCR2.1SP |
| SCR3.4SP |
| SCR4.4SW |
| SCR5.4SP |
| SCR5.2SP |
| SCR5.1SP |
| |
| GW-514 |
| GW-241 |
| GW-608 |
| GW-175 |
| GW-174 |
| GW-180 |
| GW-612 |

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
 REQUEST NUMBER: 01-001P

| | |
|--|--|
| WELL NUMBER: SEE ATTACHMENT | LOCATIONs: MULTIPLE - SEE ATTACHMENT |
| INSPECTION DATE: CY-2000 Inspections | INSPECTED BY: GWPP |
| Maintenance To Be Performed: | |
| <input type="checkbox"/> Build/Repair Concrete Pad <input type="checkbox"/> Install/Repair Protective Posts <input type="checkbox"/> Repair/Replace Hasp <input checked="" type="checkbox"/> Replace Lock <input type="checkbox"/> Well Rehabilitation | <input type="checkbox"/> Replace Cap <input type="checkbox"/> Extend or Repair Casing <input type="checkbox"/> Well Identification <input type="checkbox"/> Well Access <input type="checkbox"/> Other |
| COMMENTS/EXPLANATION: <u>Replace the GWPP well lock (key #53764) with a NEW RCRA lock (key #24527),</u> <u>for all RCRA wells listed in the attachment to this maintenance request. Each RCRA lock is stamped with a</u> <u>unique identifier (RCRA001 through RCRA060). Locks are being replace on all RCRA wells under Post-Closure</u> <u>care (in cooperation with Bechtel Jacobs L.L.C.), to establish a tighter control of access to the wells. Each key</u> <u>is also stamped with a unique ID number and is assigned to the individual who requires access.</u> | |

CLARK

| | |
|---|--------------------------------------|
| MAINTENANCE PERFORMED BY: BWXT Y12, Environmental Compliance Dept. - M. Collier and R. Walker | |
| DATE REQUEST SUBMITTED: 03/05/2001 - <i>ERS</i> | DATE WORK COMPLETED: <i>03/15/01</i> |
| MAINTENANCE WORK TO BE PERFORMED: <u>Replace locks on the well listed and record the ID number of</u> <u>the lock. → completed 03/14/01, except for GW-24 and GW-25</u> <u>03/15/01 - remove 3 locks from wells that NABIR is currently using, and</u> <u>replaced w/ the old GWPP lock.</u> | |

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| MAINTENANCE INSPECTED BY: <i>E.R. Schulte</i> | DATE INSPECTED: <i>03/15/01</i> |
| INSPECTION COMMENTS: <u>No inspection performed. RCRA locks will be</u> <u>replaced on indicated wells when NABIR releases them.</u> | |
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APPROVED BY:

E.R. Schulte
 PROJECT MANAGER GWPP OR DESIGNER

DATE:

03/15/01

| LOC_ID | FUNCT_AREA_NAME | NORTHING_VAL | EASTING_VAL | LOCK NUMBER |
|--------|--|--------------|-------------|---|
| GW-514 | Ash Disposal Basin | 27575 | 57341 | RCRA 031 |
| GW-069 | Bear Creek Burial Grounds WMA | 29489 | 43802 | RCRA 044 |
| GW-071 | Bear Creek Burial Grounds WMA | 29495 | 44191 | RCRA 043 |
| GW-046 | Bear Creek Burial Grounds WMA | 29562 | 43284 | RCRA 045 |
| GW-014 | Bear Creek Burial Grounds WMA | 29848 | 44308 | RCRA 046 |
| GW-289 | Bear Creek Burial Grounds WMA | 29982 | 42875 | RCRA 053 |
| GW-257 | Bear Creek Burial Grounds WMA | 30148 | 43230 | RCRA 054 |
| GW-082 | Bear Creek Burial Grounds WMA | 30434 | 42090 | RCRA 052 |
| GW-291 | Bear Creek Burial Grounds WMA | 30449 | 42583 | RCRA 055 |
| GW-301 | Chestnut Ridge Borrow Area Waste Pile | 27662 | 61964 | RCRA 027 |
| GW-831 | Chestnut Ridge Security Pits | 26654 | 56593 | RCRA 032 |
| GW-608 | Chestnut Ridge Security Pits | 27889 | 59724 | RCRA 028 |
| GW-609 | Chestnut Ridge Security Pits | 28109 | 60040 | RCRA 008 |
| GW-177 | Chestnut Ridge Security Pits | 28483 | 57497 | RCRA 009 |
| GW-175 | Chestnut Ridge Security Pits | 28677 | 58686 | RCRA 010 |
| GW-731 | Chestnut Ridge Sediment Disposal Basin | 27464 | 63863 | RCRA 025 |
| GW-156 | Chestnut Ridge Sediment Disposal Basin | 27626 | 64020 | RCRA 024 |
| GW-732 | Chestnut Ridge Sediment Disposal Basin | 27717 | 64268 | RCRA 026 |
| GW-159 | Chestnut Ridge Sediment Disposal Basin | 27764 | 63496 | RCRA 036 |
| GW-798 | Construction/Demolition Landfill VII | 27265 | 60310 | RCRA 029 |
| GW-605 | Exit Pathway - Traverse I | 28707 | 62002 | RCRA 022 |
| GW-606 | Exit Pathway - Traverse I | 28708 | 61951 | RCRA 023 |
| GW-733 | Exit Pathway - Traverse J | 28447 | 65067 | RCRA 042-060 <i>replace broken 012 w/ #060 on 09/21/02</i> |
| GW-712 | Exit Pathway - Traverse W | 28233 | 36507 | RCRA 001 |
| GW-713 | Exit Pathway - Traverse W | 28236 | 36434 | RCRA 002 |
| GW-714 | Exit Pathway - Traverse W | 28422 | 36435 | RCRA 003 |
| GW-715 | Exit Pathway - Traverse W | 28425 | 36453 | RCRA 004 |
| GW-521 | Industrial Landfill IV | 28541 | 52040 | RCRA 012 |
| GW-557 | Industrial Landfill V | 26450 | 59520 | RCRA 034 |
| GW-799 | Industrial Landfill V | 26746 | 59961 | RCRA 035 |
| GW-801 | Industrial Landfill V | 26808 | 58780 | RCRA 033 |
| GW-796 | Industrial Landfill V | 27924 | 58206 | RCRA 030 |
| GW-144 | Kerr Hollow Quarry | 24255 | 63502 | RCRA 040 |
| GW-143 | Kerr Hollow Quarry | 24257 | 63522 | RCRA 039 |
| GW-145 | Kerr Hollow Quarry | 24441 | 63266 | RCRA 038 |
| GW-142 | Kerr Hollow Quarry | 24524 | 64030 | RCRA 041 |
| GW-231 | Kerr Hollow Quarry | 24725 | 63410 | RCRA 037 |
| GW-010 | Oil Landfarm WMA | 29764 | 47214 | RCRA 047 |

| LOC_ID | FUNCT_AREA_NAME | NORTHING_VAL | EASTING_VAL | LOCK NUMBER |
|----------|-------------------|--------------|-------------|-------------------------|
| GW-008 | Oil Landfarm WMA | 29783 | 47596 | RCRA 049 |
| GW-075 | Oil Landfarm WMA | 29795 | 47988 | RCRA 050 |
| GW-012 | Oil Landfarm WMA | 29869 | 47188 | RCRA 048 |
| GW-005 | Oil Landfarm WMA | 29923 | 48241 | RCRA 051 |
| GW-253 | S-2 Site | 29404 | 54057 | RCRA 007 |
| * GW-127 | S-3 Site | 29850 | 51828 | RCRA 016 ✓ |
| * GW-276 | S-3 Site | 29926 | 52557 | RCRA 006 ✓ |
| * GW-245 | S-3 Site | 29977 | 51992 | RCRA 013 ✓ |
| * GW-246 | S-3 Site | 29992 | 52098 | RCRA 018 ✓ |
| * GW-247 | S-3 Site | 30005 | 52181 | RCRA 019 ✓ |
| GW-615 | S-3 Site | 30009 | 52224 | RCRA 017 |
| GW-109 | S-3 Site | 30056 | 53207 | RCRA 020 |
| * GW-244 | S-3 Site | 30060 | 51974 | RCRA 014 ✓ |
| GW-108 | S-3 Site | 30070 | 53207 | RCRA 021 |
| * GW-243 | S-3 Site | 30155 | 51990 | RCRA 059 ✓ |
| * GW-101 | S-3 Site | 30241 | 51844 | RCRA 015 ✓ |
| GW-115 | S-3 Site | 31073 | 52685 | RCRA 005 |
| GW-193 | Y-12 Plant Site | 29344 | 59536 | RCRA 011 |
| GW-275 | Y-12 Salvage Yard | 30151 | 53688 | RCRA 006 058 |
| GW-274 | Y-12 Salvage Yard | 30152 | 53673 | RCRA 057 |

GW0363

RCRA 056

* RCRA lock removed temporarily for NABIR researchers to access.

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST (WMR)

WMR NUMBER: 01-003PWELL INSPECTION NO. NA

| | |
|--|--|
| WELL NUMBER: Multiple | LOCATION: See Attachment |
| INSPECTION DATE: NA | INSPECTED BY: NA |
| Maintenance To Be Performed: | |
| <input type="checkbox"/> Build/Repair Concrete Pad <input type="checkbox"/> Install/Repair Protective Posts <input type="checkbox"/> Repair/Replace Hasp <input checked="" type="checkbox"/> Replace Lock <input type="checkbox"/> Well Rehabilitation | <input type="checkbox"/> Replace Cap <input type="checkbox"/> Extend or Repair Casing <input type="checkbox"/> Well Identification <input type="checkbox"/> Well Access <input type="checkbox"/> Other |
| COMMENTS/EXPLANATION: <u>Replace GWPP well locks (series 5530, key# 53764) with new Y-series (Y0001 through Y0200) locks (series 5530, key #24527) for all currently active wells. See attached</u> | |
| <u>list of well numbers and their associated monitoring program.</u> | |
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| MAINTENANCE PERFORMED BY: <u>Marie Collier and Ronnie Clark (Y-12 ECD)</u> | |
| DATE REQUEST SUBMITTED: <u>7/24/01</u> | DATE WORK COMPLETED: <u>8/01</u> |
| MAINTENANCE WORK PERFORMED: <u>Locks replaced, unless otherwise noted</u> | |
| | |
| | |
| | |
| | |
| MAINTENANCE INSPECTED BY: <u>MAC/RMC</u> | |
| DATE INSPECTED: <u>8/01</u> | |
| INSPECTION COMMENTS: <u>Lock replacement was for MDM wells was not done.</u> | |
| <u>Lock given to MDM.</u> | |
| | |
| | |

APPROVED BY:

[Signature]
PROJECT MANAGER GWPP OR DESIGNEE

DATE:

02/02/02

Attachment to WMR 01-003P

| LOCATION | PROGRAM | Lock # | LOCATION | PROGRAM | Lock # | LOCATION | PROGRAM | Lock # |
|----------|-----------|--------|----------|----------|--------------|----------|---------|------------|
| 1090 | YWQP | Y0026 | GW-339 | GWPP/YWQ | Y0028 | GW-769 | GWPP | Y0019 |
| 55-2C | GWPP | Y0085 | GW-364 | GWPP | Y0051 | GW-770 | GWPP | Y0020 |
| 56-2C | GWPP | Y0118 | GW-365 | GWPP | Y0053 | GW-771 | GWPP | Y0047 |
| GW-053 | GWPP | Y0071 | GW-380 | GWPP | Y0016 | GW-772 | GWPP | Y0048 |
| GW-056 | GWPP | Y0100 | GW-381 | GWPP | Y0017 | GW-782 | GWPP | Y0034 |
| GW-077 | YWQP | Y0102 | GW-382 | YWQP | Y0018 | GW-783 | GWPP | Y0036 |
| GW-078 | YWQP | Y0116 | GW-383 | GWPP | Y0006 | GW-784 | GWPP | Y0081 |
| GW-079 | GWPP | Y0074 | GW-522 | WRRP | Y0120 | GW-785 | GWPP | Y0119 |
| GW-080 | GWPP/YWQP | Y0080 | GW-526 | YWQP | Y0086 | GW-789 | GWPP | Y0045 |
| GW-085 | GWPP | Y0055 | GW-537 | GWPP | Y0042 | GW-791 | GWPP | NA |
| GW-098 | GWPP | Y0054 | GW-539 | WRRP | Y0110 | GW-797 | BJCWO | Y0113 |
| GW-124 | GWPP | Y0046 | GW-540 | WRRP | Y0077 | GW-816 | GWPP | Y0112 |
| GW-141 | WRRP | Y0078 | GW-542 | WRRP | Y0076 | GW-820 | GWPP | Y0024 |
| GW-151 | YWQP | Y0002 | GW-543 | WRRP | Y0088 | GW-827 | WRRP | Y0094 |
| GW-153 | GWPP | Y0001 | GW-544 | WRRP | Y0065 | GW-829 | GWPP | Y0038 |
| GW-154 | YWQP | Y0013 | GW-564 | WRRP | Y0090 | GW-832 | YWQP | Y0022 |
| GW-169 | YWQP | Y0089 | GW-612 | GWPP | Y0032 | GW-835 | YWQP | Y0039 |
| GW-170 | YWQP | Y0105 | GW-616 | GWPP | Y0041 | GW-841 | YWQP | Y0068 |
| GW-171 | YWQP | Y0063 | GW-618 | YWQP | Y0115 | GW-842 | YWQP | Y0061 |
| GW-172 | YWQP | Y0072 | GW-620 | GWPP | Y0037 | GW-843 | YWQP | Y0069 |
| GW-174 | GWPP | Y0033 | GW-621 | GWPP | Y0050 | GW-844 | YWQP | Y0111 |
| GW-180 | GWPP | Y0035 | GW-627 | GWPP | Y0104 | GW-916 | EMWMF | Duratek lo |
| GW-192 | GWPP | Y0079 | GW-633 | GWPP | Y0099 | GW-917 | EMWMF | Duratek lo |
| GW-203 | GWPP/YWQP | Y0031 | GW-639 | EMWMF | Duratek lock | GW-918 | EMWMF | Duratek lo |
| GW-204 | GWPP | Y0095 | GW-653 | GWPP | Y0073 | GW-920 | EMWMF | Duratek lo |
| GW-205 | YWQP | Y0027 | GW-656 | GWPP | NA | GW-921 | EMWMF | Duratek lo |
| GW-207 | GWPP | NA | GW-683 | GWPP | Y0114 | GW-922 | EMWMF | Duratek lo |
| GW-208 | GWPP | Y0070 | GW-684 | GWPP | Y0062 | GW-923 | EMWMF | Duratek lo |
| GW-217 | WRRP | Y0044 | GW-685 | GWPP | Y0103 | GW-924 | EMWMF | Duratek lo |
| GW-218 | GWPP | Y0021 | GW-690 | GWPP | Y0098 | GW-925 | EMWMF | Duratek lo |
| GW-219 | GWPP | Y0023 | GW-695 | GWPP | Y0096 | GW-926 | EMWMF | Duratek lo |
| GW-220 | GWPP | Y0003 | GW-698 | GWPP | NA | GW-927 | YWQP | Duratek lo |
| GW-221 | YWQP | Y0030 | GW-700 | GWPP | Y0084 | | | |
| GW-222 | GWPP | Y0004 | GW-703 | GWPP | Y0097 | | | |
| GW-223 | GWPP/YWQP | Y0005 | GW-704 | GWPP/YWQ | Y0108 | | | |
| GW-225 | GWPP | Y0049 | GW-706 | GWPP/YWQ | Y0052 | | | |
| GW-226 | GWPP | Y0059 | GW-709 | WRRP | Y0064 | | | |
| GW-230 | YWQP | Y0109 | GW-722 | GWPP/YWQ | Y0009 | | | |
| GW-232 | YWQP | Y0101 | GW-724 | GWPP | Y0057 | | | |
| GW-240 | GWPP | Y0012 | GW-725 | GWPP | Y0058 | | | |
| GW-241 | GWPP | Y0087 | GW-735 | GWPP | Y0010 | | | |
| GW-251 | GWPP | Y0025 | GW-738 | GWPP | Y0056 | | | |
| GW-287 | GWPP | Y0066 | GW-740 | GWPP | Y0060 | | | |
| GW-302 | GWPP/YWQP | Y0029 | GW-744 | GWPP | Y0008 | | | |
| GW-305 | GWPP | Y0082 | GW-747 | GWPP | Y0007 | | | |
| GW-311 | GWPP | Y0040 | GW-750 | GWPP | Y0011 | | | |
| GW-315 | GWPP | Y0043 | GW-757 | WRRP | Y0083 | | | |
| GW-337 | GWPP | Y0117 | GW-762 | YWQP | Y0014 | | | |
| | | | GW-763 | GWPP | Y0015 | | | |

GW-207 - no place to put lock
GW-656 - no place to put lock
GW-698 - no place to put lock
GW-791 - sampling equipment in well
DuraTek Lock - DuraTek Inc controls landfill wells and placed their own lock

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST (WMR)

WMR NUMBER: 01-004SWELL INSPECTION NO. NA

| | | | |
|---|---------------------|---|------------------|
| WELL NUMBER: | <u>See Comments</u> | LOCATION: | <u>Y-12 Area</u> |
| INSPECTION DATE: | <u>multi</u> | INSPECTED BY | <u>multi</u> |
| Maintenance To Be Performed: | | | |
| <input type="checkbox"/> Build/Repair Concrete Pad <input type="checkbox"/> Replace Cap | | | |
| <input type="checkbox"/> Install/Repair Protective Posts <input type="checkbox"/> Extend or Repair Casing | | | |
| <input type="checkbox"/> Repair/Replace Hasp <input checked="" type="checkbox"/> Well Identification | | | |
| <input type="checkbox"/> Replace Lock <input type="checkbox"/> Well Access | | | |
| <input type="checkbox"/> Well Rehabilitation <input type="checkbox"/> Other | | | |
| COMMENTS/EXPLANATION: | | <u>Wells listed below need new metal well ID tags attached:</u> | |
| <u>GW-226</u> | <u>GW-698</u> | <u>GW-820</u> | |
| <u>GW-522</u> | <u>GW-735</u> | <u>GW-832</u> | |
| <u>GW-564</u> | <u>GW-738</u> | | |
| <u>GW-633</u> | <u>GW-789</u> | | |
| MAINTENANCE PERFORMED BY: <u>Brian Puett and Marie Collier</u> | | | |
| DATE REQUEST SUBMITTED: <u>8/9/01</u> | | DATE WORK COMPLETED: <u>8/21/01</u> | |
| MAINTENANCE WORK PERFORMED: | | | |
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| | | | |
| MAINTENANCE INSPECTED BY: <u>Brian D. Puett</u> | | DATE INSPECTED: <u>8/21/01</u> | |
| INSPECTION COMMENTS: | | | |
| <u>WELL TAGS ARE IN PLACE</u> | | | |
| | | | |
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APPROVED BY:

Beth Schultz
PROJECT MANAGER GWPP OR DESIGNEE

DATE:

08/21/01

Y-12 GROUNDWATER PROTECTION PROGRAM WELL MAINTENANCE REQUEST (WMR)

WMR NUMBER: 01-005S

WELL INSPECTION NO. NA

| | | | |
|--|----------------|---|------------|
| WELL NUMBER: | see attachment | LOCATION: | Y-12 wells |
| INSPECTION DATE: | multi | INSPECTED BY | multi |
| Maintenance To Be Performed: | | | |
| <input type="checkbox"/> Build/Repair Concrete Pad | | <input type="checkbox"/> Replace Cap | |
| <input type="checkbox"/> Install/Repair Protective Posts | | <input type="checkbox"/> Extend or Repair Casing | |
| <input type="checkbox"/> Repair/Replace Hasp | | <input checked="" type="checkbox"/> Well Identification | |
| <input type="checkbox"/> Replace Lock | | <input type="checkbox"/> Well Access | |
| <input type="checkbox"/> Well Rehabilitation | | <input type="checkbox"/> Other | |
| COMMENTS/EXPLANATION: Attach metal well ID tags to wells on attachment: | | | |
| | | | |
| | | | |
| | | | |
| MAINTENANCE PERFORMED BY: Puett / Collier ERS | | | |
| DATE REQUEST SUBMITTED: 8/13/01 | | DATE WORK COMPLETED: 03/20/02 | |
| MAINTENANCE WORK PERFORMED: | | | |
| ID tags were stamped with a manual machine. They were attached to the well casing with steel wire and steel hose clamps. | | | |
| | | | |
| MAINTENANCE INSPECTED BY: B.D. Puett ERS | | | |
| | | DATE INSPECTED: 03/20/02 | |
| INSPECTION COMMENTS: | | | |
| TAGS NOT INDICATED IN THE OLD SALVAGE YARD, DUE TO LACK OF ACCESS. SEE ATTACHMENT FOR WELL NUMBERS. | | | |

APPROVED BY:

Elizabeth K. Schultz
PROJECT MANAGER GWPP OR DESIGNEE

DATE: _____

04/12/02

Wells needing ID tags

| <u>Well #</u> | <u>Well #</u> | <u>Well #</u> | <u>Well #</u> | <u>Well #</u> |
|---------------|---------------|---------------|---------------|---------------|
| BC-21 | GW-404 | GW-482A | GW-552 | GW-802 |
| DC well | GW-414 | GW-482B | GW-555 | GW-804 |
| LL/HAZ-01 | GW-427 | GW-482C | GW-563 | GW-818 |
| LL/HAZ-02 | GW-428 | GW-483 | GW-567 | GW-819 |
| LL/HAZ-05 | GW-432 | GW-484 | GW-569 | GW-821 |
| LL/HAZ-07 | GW-437 | GW-485 | GW-576 | GW-822 |
| LL/HAZ-08 | GW-438 | GW-486 | GW-628 | GW-823 |
| LL/HAZ-09 | GW-439 | GW-487 | GW-638 | GW-825 |
| LL/HAZ-10 | GW-440 | GW-488 | GW-674 | GW-826 |
| LL/HAZ-13 | GW-455 | GW-489 | GW-692 | GW-830 |
| 53-1A | GW-456 | GW-490 | GW-693 | GW-833 |
| 56-1C | GW-457 | GW-491 | GW-697 | GW-834 |
| 56-4A | GW-458 | GW-492 | GW-734 | GW-836 |
| 59-1A | GW-459 | GW-493 | GW-742 | GW-839 |
| 60-1B | GW-460 | GW-494 | GW-758 | GW-845 |
| 60-2A | GW-461 ✓ | GW-495 | GW-759 | GW-854 |
| GW-011 | GW-462 | GW-496 | GW-788 | GW-855 |
| GW-059 | GW-463 | GW-497 | | GW-865 |
| GW-118 | GW-464 | GW-498 | | GW-866 |
| GW-119 | GW-465 | GW-499A | | GW-867 |
| GW-132 | GW-466 | GW-499AA | | GW-873 |
| CH-143 | GW-471 | GW-499AB | | GW-874 |
| CH-157 | GW-473 | GW-499B | | GW-875 |
| CH-189 | GW-474 | GW-499D | | GW-876 |
| GW-195 | GW-475A | GW-499E | | GW-880 |
| GW-196 | GW-475B | GW-499G | | GW-883 |
| GW-197 | GW-475C | GW-499H | | GW-902 |
| GW-265 | GW-476A | GW-499I | | GW-906 |
| GW-268 | GW-476B | GW-499J | | GW-907 |
| GW-269 | GW-476C | GW-499K | | GW-908 |
| GW-270 | GW-477A | GW-499L | | GW-909 |
| GW-271 | GW-477B | GW-499M | | GW-911 |
| GW-272 | GW-477C | GW-499N | | GW-912 |
| GW-273 | GW-478A | GW-499O | | GW-913 |
| GW-281 | GW-478B | GW-499P | | GW-914 |
| GW-283 | GW-479 | GW-499Q | | GW-915 |
| GW-284 | GW-480A | GW-499S | | |
| GW-349 | GW-480B | GW-499T | | |
| GW-350 | GW-480C | GW-499U | | |
| | GW-481A | GW-499V | | |
| | GW-481B | GW-499X | | |
| | GW-481C | GW-499Y | | |
| | | GW-499Z | | |

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recess

274/275

Y-12 GROUNDWATER PROTECTION PROGRAM WELL MAINTENANCE REQUEST (WMR)

WMR NUMBER: 01-006P

WELL INSPECTION NO. Muliple - See Attachment

| | |
|---|---|
| WELL NUMBER: Multiple - See Attachment | LOCATION: Multiple |
| INSPECTION DATE: Several | INSPECTED BY: Several |
| Maintenance To Be Performed: | |
| <input type="checkbox"/> Build/Repair Concrete Pad <input type="checkbox"/> Install/Repair Protective Posts <input type="checkbox"/> Repair/Replace Hasp <input type="checkbox"/> Replace Lock <input type="checkbox"/> Well Rehabilitation | <input type="checkbox"/> Replace Cap <input type="checkbox"/> Extend or Repair Casing <input type="checkbox"/> Well Identification <input type="checkbox"/> Well Access <input checked="" type="checkbox"/> Other |
| COMMENTS/EXPLANATION: <u>Drill a weephole at the base of the outer casing for each of the attached wells.</u> | |
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| MAINTENANCE PERFORMED BY: <u>Highland Drilling - Curt Burkett</u> | |
| DATE REQUEST SUBMITTED: <u>2/11/02</u> | DATE WORK COMPLETED: <u>02/22/02</u> |
| MAINTENANCE WORK PERFORMED: <u>work performed as request, unless noted on the attached sheet. weephole were not require on some noted wells.</u> | |
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| MAINTENANCE INSPECTED BY: <u>Beth Schultz</u> | DATE INSPECTED: <u>03/21/02</u> <u>03/22/02</u> |
| INSPECTION COMMENTS: _____ | |
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| | |

APPROVED BY:

Beth Schultz
PROJECT MANAGER GWPP OR DESIGNEE

DATE:

03/25/02

Attachment to WMR 01-006P

Wells which require a weephole

| | | |
|--------|---------------|---|
| 00-059 | GW-015 | |
| 00-035 | GW-016 | |
| 00-033 | GW-017 | |
| 00-302 | GW-074 | |
| 00-600 | GW-148 | |
| 00-601 | GW-149 | |
| 00-597 | GW-152 | |
| 00-670 | GW-158 | weephole not drilled, not needed |
| 00-697 | GW-185 | weephole not drilled, not needed |
| 00-698 | GW-186 | |
| 00-638 | GW-198 | |
| 00-627 | GW-200 | |
| 00-599 | GW-240 | |
| 00-471 | GW-252 | |
| 00-472 | GW-255 | |
| 00-297 | GW-261 | |
| 00-473 | GW-262 | |
| 00-474 | GW-263 | |
| 00-036 | GW-623 | 0.25 inch hole in 7" casing, need a larger hole in the 10" casing |
| 00-053 | GW-625 | |
| 00-030 | GW-628 | weephole not drilled, not needed |
| 00-709 | GW-677 | |
| 00-424 | GW-812 | |
| 00-640 | GW-842 | |
| 00-641 | GW-843 | |
| 00-642 | GW-844 | |

ERS - 03/22/02

Y-12 GROUNDWATER PROTECTION PROGRAM WELL MAINTENANCE REQUEST (WMR)

WMR NUMBER: 01-008P

WELL INSPECTION NO. 00-489

| | | | |
|--|----------|---|-------------------------|
| WELL NUMBER: | GW-633 | LOCATION: | S-3 ponds - Rust Garage |
| INSPECTION DATE: | 12/12/00 | INSPECTED BY | SMF |
| Maintenance To Be Performed: | | | |
| <input type="checkbox"/> Build/Repair Concrete Pad | | <input checked="" type="checkbox"/> Replace Cap | |
| <input type="checkbox"/> Install/Repair Protective Posts | | <input checked="" type="checkbox"/> Extend or Repair Casing | |
| <input type="checkbox"/> Repair/Replace Hasp | | <input type="checkbox"/> Well Identification | |
| <input type="checkbox"/> Replace Lock | | <input type="checkbox"/> Well Access | |
| <input type="checkbox"/> Well Rehabilitation | | <input type="checkbox"/> Other | |
| COMMENTS/EXPLANATION: Needs new well box and PVC casing is cracked - cap does not seal and no lid on flush mount. | | | |
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| MAINTENANCE PERFORMED BY: Highland Drilling CURDIS BURKETT | | | |
| DATE REQUEST SUBMITTED: 8/22/01 | | DATE WORK COMPLETED: 9/27/01 | |
| MAINTENANCE WORK PERFORMED: Installed 3 foot manhole with Bolts ManHole Installed 1' to 2" Above Road Surface New WaterTight Blue Cap Installed. | | | |
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| MAINTENANCE INSPECTED BY: Brian D. Pruitt | | DATE INSPECTED: 9/27/01 | |
| INSPECTION COMMENTS: Work Completed as Requested | | | |
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APPROVED BY:

PROJECT MANAGER GWPP OR DESIGNEE

DATE:

10/11/01

WELL INSPECTION NO. 100-046

APPROVED BY: Beth Schmitt
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 10/11/01

Y-12 GROUNDWATER PROTECTION PROGRAM WELL MAINTENANCE REQUEST (WMR)

WMR NUMBER: 01-010P

WELL INSPECTION NO. 00-645, 00-568

| | | | |
|--|--|--|-----|
| WELL NUMBER: GW-380, GW-381, GW-382 | | LOCATION: | NHP |
| INSPECTION DATE: 11/10/00 | | INSPECTED BY: RMC/MAC | |
| Maintenance To Be Performed: | | | |
| <input type="checkbox"/> Build/Repair Concrete Pad | | <input checked="" type="checkbox"/> Replace Cap | |
| <input type="checkbox"/> Install/Repair Protective Posts | | <input type="checkbox"/> Extend or Repair Casing | |
| <input type="checkbox"/> Repair/Replace Hasp | | <input type="checkbox"/> Well Identification | |
| <input type="checkbox"/> Replace Lock | | <input type="checkbox"/> Well Access | |
| <input type="checkbox"/> Well Rehabilitation | | <input checked="" type="checkbox"/> Other | |
| COMMENTS/EXPLANATION: <u>Replace traffic cover with one that can be secured to the christy box and has a rubber seal.</u> | | | |
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| MAINTENANCE PERFORMED BY: Highland Drilling - Curt Burkett | | | |
| DATE REQUEST SUBMITTED: 2/11/02 | | DATE WORK COMPLETED: NA | |
| MAINTENANCE WORK PERFORMED: Met w/ Beth Schultze on 04/15/02 to look at other options beside replacing the traffic cover and christy box. Decided to weld broken pieces of the current traffic cover to underside of lid to hold the cover in place. Cover will lock in and place and the bolt ^{will} need to be removed in order to access the well. Will replace ^{screws} bolts w/ SS bolts and ^{will} replace the screws in well cap on GW-380. Will need to weld nut nuts to the christy box. Burn permit needed. | | | |
| MAINTENANCE INSPECTED BY: Beth Schultze | | DATE INSPECTED: 04/25/02 | |
| INSPECTION COMMENTS: Maintenance put on hold till a burn permit could be obtained to weld nuts to the christy box | | | |
| | | | |
| | | | |
| APPROVED BY: <u>Beth Schultze</u> PROJECT MANAGER GWPP OR DESIGNEE | | | |
| | | DATE: 04/25/02 | |

Y-12 GROUNDWATER PROTECTION PROGRAM WELL MAINTENANCE REQUEST (WMR)

WMR NUMBER: 01-011P

WELL INSPECTION NO. Muliple - See Attachment

| | |
|--|---|
| WELL NUMBER: Multiple - See Attachment | LOCATION: Multiple |
| INSPECTION DATE: | INSPECTED BY: RMC/MAC |
| Maintenance To Be Performed: | |
| <input type="checkbox"/> Build/Repair Concrete Pad <input type="checkbox"/> Install/Repair Protective Posts <input checked="" type="checkbox"/> Repair/Replace Hasp <input type="checkbox"/> Replace Lock <input type="checkbox"/> Well Rehabilitation | <input checked="" type="checkbox"/> Replace Cap <input type="checkbox"/> Extend or Repair Casing <input type="checkbox"/> Well Identification <input type="checkbox"/> Well Access <input type="checkbox"/> Other |
| COMMENTS/EXPLANATION: <u>Install a water-tight cap (Blue Cap) on the attached list of wells. Assure cap has a hasp and is lockable.</u> | |
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| MAINTENANCE PERFORMED BY: B. D. Puett | |
| DATE REQUEST SUBMITTED: <u>2/11/02</u> ^{SPS} <u>03/20/02</u> | DATE WORK COMPLETED: <u>03/27/02</u> |
| MAINTENANCE WORK PERFORMED: <u>work caps installed as requested, except where noted</u> | |
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| MAINTENANCE INSPECTED BY: <u>Beth Schultz</u> | DATE INSPECTED: <u>04/10/02</u> |
| INSPECTION COMMENTS: <u>33-1A - did not install a water-tight cap</u> | |
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| | |

APPROVED BY:

Beth Salinity
PROJECT MANAGER GWPP OR DESIGNEE

DATE: _____

04/11/02

Wells that require a water-tight cap

| |
|-------|
| 53-1A |
| 56-1A |
| 59-1A |
| 59-1B |
| 59-1C |
| 60-1A |
| 60-1B |
| 60-2A |
| |

- requires an RWP territory
- well need a hump, not a water-tight cap. Can't lock well, but
well is in a locked area. - BOP installed locking cap on 04/30/02

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST (WMR)

WMR NUMBER: 01-012PWELL INSPECTION NO. 00-621 and 00-011

| | |
|--|--|
| WELL NUMBER: GW-763 and GW-091 | LOCATION: GRID J-Primary and BCBG |
| INSPECTION DATE: | INSPECTED BY: RMC/MAC |
| Maintenance To Be Performed: | |
| <input type="checkbox"/> Build/Repair Concrete Pad <input type="checkbox"/> Install/Repair Protective Posts <input type="checkbox"/> Repair/Replace Hasp <input type="checkbox"/> Replace Lock <input checked="" type="checkbox"/> Well Rehabilitation | <input type="checkbox"/> Replace Cap <input type="checkbox"/> Extend or Repair Casing <input type="checkbox"/> Well Identification <input type="checkbox"/> Well Access <input type="checkbox"/> Other |
| COMMENTS/EXPLANATION: Redevelop GW-763 and GW-091 to clean out and remove excess sediment (7ft. in GW-091) and to create movement of water through the well screen. Remove a minimum of three to five well volumes. Use a highspeed centrifugal pump or a bailer to remove sediments. Assure field readings of pH, temperature, and conductivity are stabilized once the redevelopment is complete. | |
| MAINTENANCE PERFORMED BY: Highland Drilling - Curt Burkett | |
| DATE REQUEST SUBMITTED: 2/11/02 | DATE WORK COMPLETED: 02/01 & 04/15/2002 |
| MAINTENANCE WORK PERFORMED: Curt bailed 3-10 well volumes from GW-091 on 02/28/02. Marty Briley collect measurement of pH, conductivity, & temp, in addition monitoring for the presence of volatile organics and rad's. Log depth never exceeded 19.6ft. The constructed depth of 27.82 is believed to be an error. On 04/15/2002, Curt bailed five volumes from GW-763. Marty Briley & Adam Hild collect field measts. started above. | |
| MAINTENANCE INSPECTED BY: S.B. Jones / E.R. Schulte | DATE INSPECTED: 02/28/02 03/01 and 04/15/02 ERS |
| INSPECTION COMMENTS: | |
| Water on GW-763 was very, very turbid and brown. Water started clearing up on the last volume. See attached well re-development forms. | |

APPROVED BY:

Keith Salinity
PROJECT MANAGER GWPP OR DESIGNEE

DATE:

05/13/02

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL NO. Gw-763

WELL REHABILITATION ACTIVITY/PROGRESS REPORT

PAGE 1 OF

LOCATION: NorthEast of 9720-6

DATE: START: 4/15/02

SMEAL OPERATOR: _____

FINISH: 4/15/02

HELPER: W. M. Briley / A. F. Hild BwXT-4-12

METHOD: _____

DRILL: _____

LOGGED BY: W. M. Briley BwXT-4-12

| DATE | TIME | | ACTIVITY/COMMENTS |
|---------|-------|--------|---|
| | START | FINISH | |
| 4/15/02 | 0800 | 0804 | Meet Steve Jones at 910B. Calibrated HNU Y276557 |
| | | | with Steve Jones HNU reading in Geo lab 1.4 |
| | 0858 | 0900 | Arrived at well. HNU ready 0.0 ppm |
| | | | |
| | 0900 | 0920 | DTW - 9.76 ft. calculated 7.07 gal. per volume |
| | | | Cont arrived at well |
| | 0945 | 0956 | Initial Readings: pH - 6.44, Temp 17.9°C, Conductivity - 782 ^{unho/cm} , HNU - 0.0 ppm, Not turbid. Rad Screen 0.0 cpm Beta. |
| | 0956 | 1003 | 2nd Volume. Readings: pH - 6.78, Temp - 18.0°C, Conductivity - 946 unho/cm, HNU 0.0 ppm, Very turbid, Rad screen 0.0 cpm alpha + Beta. |
| | 1003 | 1015 | Beth Schutte departed to get isco pump to decant water. |
| | | | |
| | 1015 | 1020 | Started 3rd Volume. Readings: pH - 6.81, Temp. 18.6°C, Conductivity - 931 unho/cm, HNU 0.0 ppm, Very turbid, Rad screen - 0.0 cpm alpha + Beta. |
| | 1020 | 1026 | Started 4th Volume. Readings: pH - 6.89, Temp - 18.7°C, Conductivity - 913 unho/cm, HNU - 0.0 ppm, Very very turbid, Rad screen - 0.0 cpm alpha + Beta. |
| | 1026 | 1035 | Stopped to purge steel drum water into poly drum. |
| | 1035 | 1040 | Started 5th Volume. Readings: pH - 6.88, Temp - 18.7°C, Conductivity - 903 unho/cm, HNU - 0.0 ppm, Very turbid, Rad Screen - 0.0 cpm alpha + Beta. |
| | | | |
| | | | |

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL NO. Aw-763

WELL REHABILITATION ACTIVITY/PROGRESS REPORT

PAGE 2 OF

LOCATION: North East of 9720-6

DATE: START: 4/15/02

SMEAL OPERATOR: _____

FINISH: 4/15/02

HELPER: W.M. Briley BWXT Y-12 / A.F. Hild

METHOD: _____

DRILL: _____

LOGGED BY: W.M. Briley BWXT Y-12

[illegible]

Y-12 PLANT GWPP DEVELOPMENT WATER FIELD SCREENING/DISPOSAL SHEET

WELL NO. GW-763 SITE: North East of 9720-6APPROX. VOLUME OF DEVELOPMENT WATER: 43

CALIBRATION OF INSTRUMENTS: Check those calibrated to manufacturer's specifications.

| | | |
|---------------------|----------|---|
| pH meter | <u>X</u> | (model) <u>Omega PHH-315</u> |
| Sp. Cond. meter | <u>X</u> | (model) <u>Jenway 4150</u> |
| Organic vapor meter | <u>X</u> | (model) <u>HNU Y270557</u> |
| Beta/Gamma meter | <u>X</u> | (model) <u>Ludlum Model 3 Survey Meter</u> |
| Alpha meter | <u>X</u> | (model) <u>Ludlum Model 12 Count rate meter</u> |

FIELD SCREENING RESULTS:

| Date | Time | pH | Sp. Cond. | Organic Vapors | Beta/Gamma | Alpha |
|----------------|-------------|-------------|------------------|----------------|------------|------------|
| <u>4/15/02</u> | <u>0945</u> | <u>6.44</u> | <u>982</u> | <u>0.0</u> | <u>0.0</u> | <u>0.0</u> |
| <u>4/15/02</u> | <u>0956</u> | <u>6.78</u> | <u>946</u> | <u>0.0</u> | <u>0.0</u> | <u>0.0</u> |
| <u>4/15/02</u> | <u>1015</u> | <u>6.81</u> | <u>931</u> | <u>0.0</u> | <u>0.0</u> | <u>0.0</u> |
| <u>4/15/02</u> | <u>1020</u> | <u>6.89</u> | <u>913</u> | <u>0.0</u> | <u>0.0</u> | <u>0.0</u> |
| <u>4/15/02</u> | <u>1035</u> | <u>6.88</u> | <u>903</u> | <u>0.0</u> | <u>0.0</u> | <u>0.0</u> |
| <u>4/15/02</u> | <u>1040</u> | <u>7.00</u> | <u>901</u> | <u>0.0</u> | <u>0.0</u> | <u>0.0</u> |
| _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| | | (4.0-10.5) | (<1000 umhos/cm) | (<5ppm) | (<100 cpm) | (<500 cpm) |

NA - Not Analyzed

Weather: Sunny Temp.: ~ 60 °FDISPOSITION: Drill - site Disposal X Containerization (Labeled?) y/n _____

Describe:

On - site Geologist (print): _____

Signature: Will M. Rife Date: 6/19/02

| | |
|--|------------------------|
| Y-12 PLANT GROUNDWATER PROTECTION PROGRAM | WELL NO. <u>Gw-763</u> |
| MONITORING WELL RE-DEVELOPMENT SUMMARY | |
| METHOD OF DEVELOPMENT: <u>Bailer</u> | |
| DEVELOPMENT OBSERVED BY: <u>W.M. Brily / A.F. Hild</u> | |
| DEVELOPMENT DATE: <u>4/15/02</u> | |
| FINISH: <u>4/15/02</u> | |
| ONE WELL VOLUME: <u>7.07</u> GALLONS | |
| TOTAL GALLONS PUMPED: <u>43</u> TOTAL WELL VOLUMES PUMPED: <u>6</u> | |
| INITIAL pH: <u>6.44</u> FINAL pH: <u>7.00</u> | |
| INITIAL SPECIFIC CONDUCTANCE: <u>982</u> FINAL: <u>901</u> | |
| DESCRIPTION OF INITIAL TURBIDITY: <u>Not turbid</u> | |
| DESCRIPTION OF FINAL TURBIDITY: <u>Very turbid</u> | |
| FINAL MEASURED TURBIDITY: <u>Not analyzed</u> | |
| WELL APPROVED BY: <u>Both Schultz 05/13/02</u> | |
| ODOR OF WATER: <u>No odor noted</u> | |
| WATER DISCHARGED TO: <div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> GROUND SURFACE <input type="checkbox"/> STORM SEWERS <input checked="" type="checkbox"/> DRUMS </div> <div> <input type="checkbox"/> TANK TRUCK <input type="checkbox"/> STORAGE TANKS <input type="checkbox"/> OTHER _____ </div> </div> | |
| INITIAL PRE-DEVELOPMENT WATER DEPTH: <u>9.76 ft. DTW 4/15/02</u> | |
| DEVELOPMENT OBSERVATIONS: <u>well recharged easily, water became more turbid as redevelopment progressed.</u> | |
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| | |
| OBSERVER SIGNATURE: _____ | |
| DATE: _____ | |

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL NO. GU-091

WELL REHABILITATION ACTIVITY/PROGRESS REPORT

PAGE 1 OF

LOCATION: North of the Walk-in - Pits - Bear Creek

DATE: START: 2/25/02

SMEAL OPERATOR: _____

FINISH: 2/25/02

HELPER: W.M. Briley BWXT Y-12

METHOD: _____

DRILL: _____

LOGGED BY: W.M. Briley - BWXT Y-12

| DATE | TIME | | ACTIVITY/COMMENTS |
|---------|-------|--------|---|
| | START | FINISH | |
| 2/25/02 | 0800 | 0810 | Meet Steve Jones at 9108. Bldg. |
| | 0810 | 0830 | Steve Jones calibrated HNU Y270557 |
| | 0855 | 0930 | Arrived at GU-091. Curt Burchett (Highland Drilling) already on site opening 30 gallon drum. |
| | 0930 | 0933 | Steve Jones and Beth Schultz arrive on site. Took HNU measurement 0.00 ppm. |
| | 0933 | 0934 | Pulled bailer. Depth to water = 9.87 ft. |
| | | | Total depth - 19.61 ft. Calculated 1 well volume at 2.93 gallons |
| | 0934 | 0938 | Pulled the ^{initial} sample. pH = 5.6, Conductance 253 umho/cm, Temp = 14°C, HNU / voc's = 0.00 ppm. |
| | 0938 | 0947 | Rad screening on water. Alpha = 0.00 cpm, Beta = 70 cpm. Background = 60 cpm. |
| | 0947 | 0954 | Rad screening on the mud on paper towel = Alpha = 0.00 cpm, Beta = 90.0 cpm. |
| | 0954 | 1003 | Started bailing. Initially chunks of mud. After approximately 6 bailers we started to feel a clean bottom and get approx. 250 lbs of water in bailer. At bailer full #9 we got a full bailer of water. achieved first volume. approx 3 gallons. |
| | 1005 | 1029 | Took 1st sample. water is very turbid. Readings: DTW 11.80 ft. pH - 5.91, Conductivity - 354 umho/cm, HNU - 0.0 ppm, Temp. 15.0°C. Beth noted a rate of recovery of 1.1 ft. in 5 minutes. Rad screen - Alpha - 0.0 cpm, Beta - 70 cpm. |
| | 1029 | 1037 | Took sample for 2nd well volume. water is very turbid. Readings: DTW - 12.90 ft. pH - 6.22, Conductivity 345 umho/cm, |

WELL NO. Gw-091

PAGE 2 OF

DATE: START: 2/25/02

FINISH: 2/25/02

METHOD: _____

LOGGED BY: W.M. Briley - BWXT-4-12

[illegible]

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL NO. GW-091

MONITORING WELL RE-DEVELOPMENT PROGRESS

LOCATION: North of the Walk-in-Pits Bear CreekONE WELL VOLUME - 2.93 GALLONSCOMPLETION DATE: 2/25/02

| DATE | GALLONS PUMPED | DESCRIPTION OF TURBIDITY | pH | DISSOLVED SOLIDS (μ mhos) | TOTAL GALLONS PUMPED | WELL VOLUMES GALLONS PUMPED | COMMENTS |
|----------------------------------|-------------------|-----------------------------|------|-----------------------------------|----------------------------|--|----------|
| 2/25/02 | 0 | Very turbid | 5.60 | 253 | 0 | 0 | |
| 2/25/02 | 2.93 | Very turbid | 5.91 | 354 | 2.93 | 1 | |
| 2/25/02 | 2.93 | Very turbid | 6.22 | 345 | 5.86 | 2 | |
| 2/25/02 | 2.93 | Very turbid | 6.55 | 422 | 8.79 | 3 | |
| 2/25/02 | 2.93 | Very turbid | 6.64 | 467 | 11.72 | 4 | |
| 2/25/02 | 2.93 | Very turbid | 6.70 | 504 | 14.65 | 5 | |
| 2/25/02 | 2.93 | Very turbid | 6.69 | 437 | 17.58 | 6 | |
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| | | | | | | | |
| RESULTS AT END OF DEVELOPMENT | | Very Turbid | 6.69 | 437 | 17.58 | 6 | |

COMMENTS

After removing 6 well volumes and approximately 6 bailers of sludge/mud water, sediment would still settle out in collection jar. Initial PTW was 9.87 ft. Final DTW was 9.92 ft.

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL NO. GW-091

MONITORING WELL RE-DEVELOPMENT SUMMARY

METHOD OF DEVELOPMENT: Bailer

DEVELOPMENT DATE:

DEVELOPMENT OBSERVED BY: W.M. BrileySTART: 2/25/02FINISH: 2/25/02ONE WELL VOLUME: 2.93 GALLONSTOTAL GALLONS PUMPED: 33.0 TOTAL WELL VOLUMES PUMPED: 12INITIAL pH: 5.60 FINAL pH: 6.69INITIAL SPECIFIC CONDUCTANCE: 253 umho/cm FINAL: 437 umho/cmDESCRIPTION OF INITIAL TURBIDITY: Very turbidDESCRIPTION OF FINAL TURBIDITY: Very turbidFINAL MEASURED TURBIDITY: Not analyzedWELL APPROVED BY: Beth Schmitt 05/13/02ODOR OF WATER: No odor noted

WATER DISCHARGED TO: ☐ GROUND SURFACE ☐ TANK TRUCK
☐ STORM SEWERS ☐ STORAGE TANKS
☒ DRUMS ☐ OTHER _____

INITIAL PRE-DEVELOPMENT

WATER DEPTH: 9.87 ft. DTW on 2-25-02

DEVELOPMENT OBSERVATIONS: After clearing ^{initial} initial mud, well easily recharged. Unable to clear water.

OBSERVER SIGNATURE: W.M. BrileyDATE: 2/25/02

Y-12 PLANT GWPP DEVELOPMENT WATER FIELD SCREENING/DISPOSAL SHEET

WELL NO. GW-091 SITE: North of the walk-in - Pits - Bear Creek

APPROX. VOLUME OF DEVELOPMENT WATER: 33

CALIBRATION OF INSTRUMENTS: Check those calibrated to manufacturer's specifications.

| | | |
|---------------------|----------|--|
| pH meter | <u>X</u> | (model) <u>omega PHH-315</u> |
| Sp. Cond. meter | <u>X</u> | (model) <u>Jenway 4150</u> |
| Organic vapor meter | <u>X</u> | (model) <u>HNU 4270557</u> |
| Beta/Gamma meter | <u>X</u> | (model) <u>Ludlum Model 3 Survey Meter</u> |
| Alpha meter | <u>X</u> | (model) <u>Ludlum Model 12 Count meter</u> |

FIELD SCREENING RESULTS:

| Date | Time | pH | Sp. Cond. | Organic Vapors | Beta/Gamma | Alpha |
|----------------|-------------|-------------|------------------|----------------|------------|------------|
| <u>2/25/02</u> | <u>0934</u> | <u>5.60</u> | <u>253</u> | <u>0.0</u> | <u>70</u> | <u>0.0</u> |
| <u>2/25/02</u> | <u>1005</u> | <u>5.91</u> | <u>354</u> | <u>0.0</u> | <u>70</u> | <u>0.0</u> |
| <u>2/25/02</u> | <u>1029</u> | <u>6.22</u> | <u>345</u> | <u>0.0</u> | <u>50</u> | <u>0.0</u> |
| <u>2/25/02</u> | <u>1047</u> | <u>6.55</u> | <u>422</u> | <u>0.0</u> | <u>50</u> | <u>0.0</u> |
| <u>2/25/02</u> | <u>1220</u> | <u>6.64</u> | <u>467</u> | <u>0.0</u> | <u>80</u> | <u>0.0</u> |
| <u>2/25/02</u> | <u>1238</u> | <u>6.70</u> | <u>504</u> | <u>0.0</u> | <u>90</u> | <u>0.0</u> |
| <u>2/25/02</u> | <u>1315</u> | <u>6.69</u> | <u>437</u> | <u>0.0</u> | <u>50</u> | <u>0.0</u> |
| | | (4.0-10.5) | (<1000 umhos/cm) | (<5ppm) | (<100 cpm) | (<500 cpm) |

NA - Not Analyzed

Weather: Sunny

Temp.: ~50°F

DISPOSITION: Drill - site Disposal X

Containerization (Labeled?) y/n

Describe:

On - site Geologist (print): Steve Jones

Signature: Linda M. Rife

Date: 6/19/02

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST (WMR)

WMR NUMBER: 01-013PWELL INSPECTION NO. 00-716

| | |
|---|---|
| WELL NUMBER: GW-698 | LOCATION: Y-12 plant site |
| INSPECTION DATE: 11/16/00 | INSPECTED BY RMC/MAC |
| Maintenance To Be Performed: | |
| <input type="checkbox"/> Build/Repair Concrete Pad <input type="checkbox"/> Install/Repair Protective Posts <input type="checkbox"/> Repair/Replace Hasp <input type="checkbox"/> Replace Lock <input type="checkbox"/> Well Rehabilitation | <input type="checkbox"/> Replace Cap <input type="checkbox"/> Extend or Repair Casing <input type="checkbox"/> Well Identification <input type="checkbox"/> Well Access <input checked="" type="checkbox"/> Other |
| COMMENTS/EXPLANATION: Traffic cover is securely bolted down but no way to lock well on inside - sampling equipment inside prevents cap from attaching. | |
| MAINTENANCE PERFORMED BY: Highland Drilling Adam Held and Marty Briley | |
| DATE REQUEST SUBMITTED: NA | DATE WORK COMPLETED: NA |
| MAINTENANCE WORK PERFORMED: | |
| Sampling Eqpt. will be pulled by ACO technician after 4Q-01 monitoring event. | |
| MAINTENANCE INSPECTED BY: Beth Schultz | DATE INSPECTED: 10/11/01 |
| INSPECTION COMMENTS: | |

APPROVED BY:

Beth Schultz
PROJECT MANAGER GWPP OR DESIGNEE

DATE:

10/11/01

CANCELLED
per ERS
10/11/01

Y-12 GROUNDWATER PROTECTION PROGRAM WELL MAINTENANCE REQUEST (WMR)

WMR NUMBER: 01-014S

WELL INSPECTION NO. 00-688, 00-600, 00-601, 00-356

ER3 02/23/02

| | | | |
|---|--|--|--|
| WELL NUMBER: GW-797 , GW-148, GW-149, GW-066 | | LOCATION: LY NHP, and BCBG | |
| INSPECTION DATE: Several | | INSPECTED BY: RMC/MAC | |
| Maintenance To Be Performed: | | | |
| <input checked="" type="checkbox"/> Build/Repair Concrete Pad | | <input type="checkbox"/> Replace Cap | |
| <input type="checkbox"/> Install/Repair Protective Posts | | <input type="checkbox"/> Extend or Repair Casing | |
| <input type="checkbox"/> Repair/Replace Hasp | | <input type="checkbox"/> Well Identification | |
| <input type="checkbox"/> Replace Lock | | <input type="checkbox"/> Well Access | |
| <input type="checkbox"/> Well Rehabilitation | | <input type="checkbox"/> Other | |
| COMMENTS/EXPLANATION: <u>Install a concrete pad at the base of the wells.</u> | | | |
| | | | |
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| | | | |
| | | | |
| MAINTENANCE PERFORMED BY: Highland Drilling | | | |
| DATE REQUEST SUBMITTED: 2/11/02 | | DATE WORK COMPLETED: | |
| MAINTENANCE WORK PERFORMED: <u>Pad installed @ GW-066 in a wedge</u> <u>shape pattern. Unable to install a full 3x3' pad, due to hillside. Forms</u> <u>needed to be removed. Pads installed @ GW-148 and GW-149</u> <u>are good</u> | | | |
| | | | |
| | | | |
| MAINTENANCE INSPECTED BY: <u>Peth Schultz</u> | | DATE INSPECTED: <u>03/20 = 3/21/02</u> | |
| INSPECTION COMMENTS: <u>Work performed as requested</u> | | | |
| | | | |
| | | | |
| | | | |
| | | | |

APPROVED BY:

PROJECT MANAGER GWPP OR DESIGNEE

DATE:

3/21/02

WELL INSPECTION NO. multi

Beth Schultz
PROJECT MANAGER GWPP OR DESIGNEE

DATE:

10/11/01

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST (WMR)

WMR NUMBER: 01-016SWELL INSPECTION NO. Multiple - See Attachment

| | |
|--|---|
| WELL NUMBER: Multiple - See Attachment | LOCATION: EXP-W, BCBG, Lysimeter, RGA |
| INSPECTION DATE: CY 2000 Inspections | INSPECTED BY: multiple |
| Maintenance To Be Performed: | |
| <input type="checkbox"/> Build/Repair Concrete Pad <input type="checkbox"/> Install/Repair Protective Posts <input type="checkbox"/> Repair/Replace Hasp <input type="checkbox"/> Replace Lock <input type="checkbox"/> Well Rehabilitation | <input type="checkbox"/> Replace Cap <input type="checkbox"/> Extend or Repair Casing <input checked="" type="checkbox"/> Well Identification <input type="checkbox"/> Well Access <input type="checkbox"/> Other |
| COMMENTS/EXPLANATION: A request was made to Engineering to survey the attached list of wells. A survey was required for one of the following reasons: 1) the well location listed on Subsurface Database Maps differed from the actual location in the field (GW-091, GW-237, GW-533), 2) the well configuration had been modified and the reference point at the Top of Casing had changed (GW-710 and GW-633), or 3) the well (DC Well) had never been surveyed before. | |
| | |
| | |
| | |
| MAINTENANCE PERFORMED BY: Bernie Dykes: Y-12 Engineering | |
| DATE REQUEST SUBMITTED: 12/5/2001 | DATE WORK COMPLETED: 05/24/2002 |
| MAINTENANCE WORK PERFORMED: | |
| Y-12 Engineering had a hard time locating the actual well location. Steve Field coordinated. | |
| Work completed as requested. | |
| | |
| | |
| | |
| | |
| MAINTENANCE INSPECTED BY: NA | |
| DATE INSPECTED: NA | |
| INSPECTION COMMENTS: None | |
| | |
| | |
| | |
| | |
| | |

APPROVED BY:

Beth Schulte
PROJECT MANAGER GWPP OR DESIGNEE

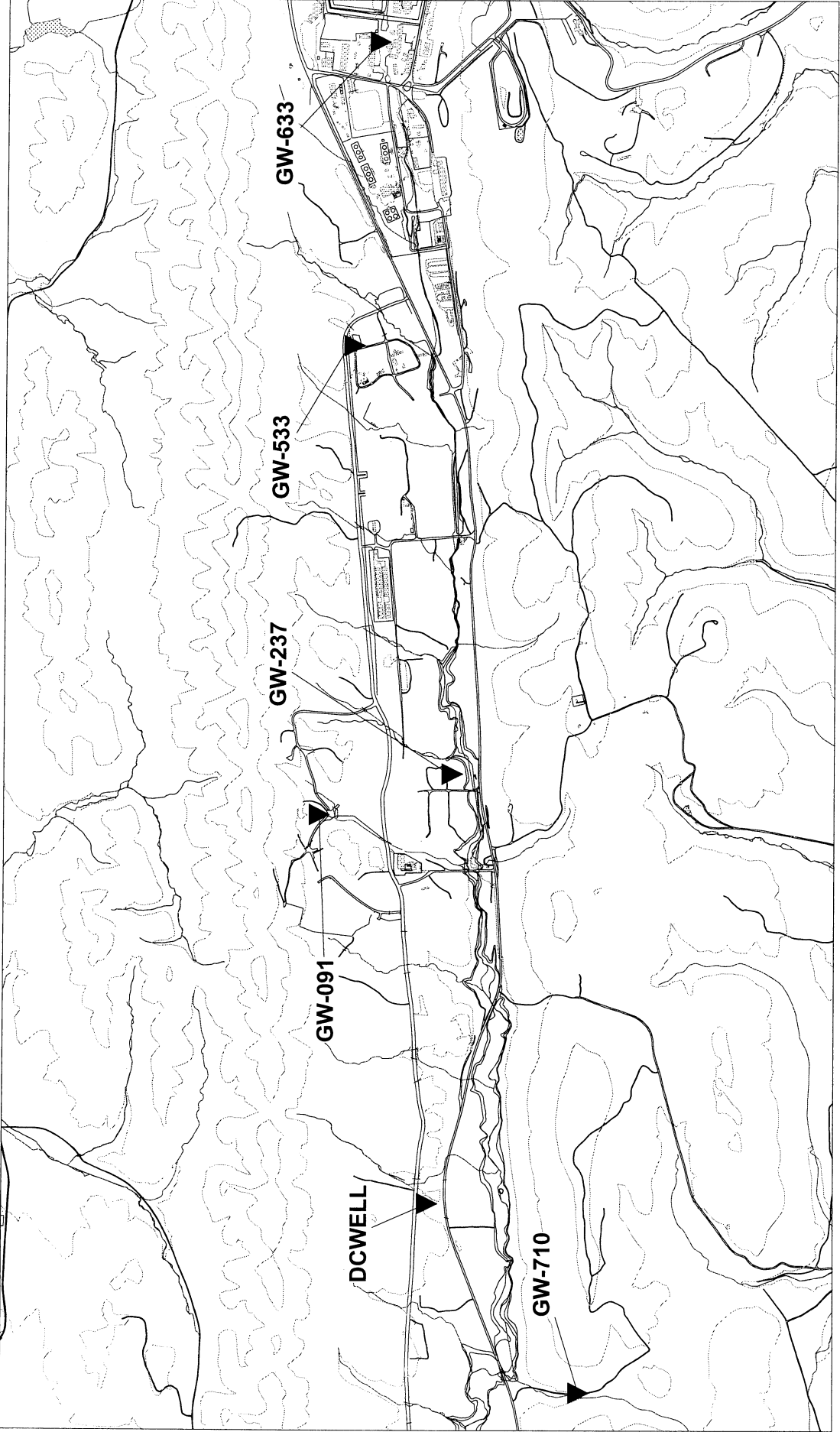
DATE:

05/24/02

Attachment to WMR 01-016S

Wells submitted for survey

| Well | Insp No. |
|--------|----------|
| GW-710 | 00-240 |
| DCWELL | 00-080 |
| GW-091 | 00-011 |
| GW-237 | 00-040 |
| GW-533 | 00-373 |
| GW-633 | 00-489 |



Y-12 GWPP wells to be re-surveyed

APPENDIX D

REFERENCE TAG DEPTHS

APPENDIX D - REFERENCE TAG DEPTHS

| Well # | ¹ Reference Tag Depth from TOC | Used Calculated Constructed Depth | ² MPCF |
|--------|---|-----------------------------------|-------------------|
| 1090 | 98.02 | | 0.60 |
| GW-008 | 26.69 | | 0.60 |
| GW-010 | 16.50 | | |
| GW-012 | 19.20 | | 0.60 |
| GW-014 | 14.50 | | 0.60 |
| GW-046 | 23.85 | | 0.60 |
| GW-053 | 35.13 | | 0.62 |
| GW-056 | 59.21 | | 0.59 |
| GW-069 | 101.96 | | 0.60 |
| GW-071 | 218.40 | | 0.60 |
| GW-075 | 205.59 | | 0.60 |
| GW-077 | 104.10 | | 0.60 |
| GW-078 | 23.40 | | 0.60 |
| GW-079 | 64.70 | | 0.60 |
| GW-080 | 33.00 | X | |
| GW-082 | 38.45 | | 0.60 |
| GW-085 | 62.34 | | 0.67 |
| GW-098 | 105.65 | | 0.25 |
| GW-101 | 19.18 | | 0.60 |
| GW-108 | 58.30 | | 0.20 |
| GW-109 | 125.45 | | |
| GW-115 | 54.49 | X | 0.60 |
| GW-124 | 153.44 | | |
| GW-127 | 26.52 | | |
| GW-142 | 298.20 | | 0.80 |
| GW-143 | 252.70 | | 0.80 |
| GW-144 | 194.34 | | 0.20 |
| GW-145 | 113.49 | | 0.20 |
| GW-151 | 99.63 | | 0.20 |
| GW-153 | 60.84 | | 0.24 |
| GW-154 | 13.35 | | 0.20 |
| GW-156 | 157.65 | | 0.18 |
| GW-159 | 155.87 | | 0.18 |
| GW-169 | 36.23 | | 0.62 |
| GW-170 | 156.16 | | 0.20 |
| GW-171 | 32.64 | | 0.62 |
| GW-172 | 137.50 | | 0.32 |
| GW-174 | 151.94 | | |
| GW-175 | 169.49 | | |
| GW-177 | 150.69 | | 0.20 |
| GW-180 | 146.08 | | |
| GW-193 | 21.17 | | 0.17 |
| GW-203 | 157.61 | | 0.19 |
| GW-204 | 20.23 | | 0.17 |
| GW-205 | 165.13 | | 0.17 |
| GW-219 | 15.59 | | 0.19 |
| GW-220 | 49.00 | | 0.83 |

¹ Tag depths from the CY 1997 and 2000 inspections were used in selecting the reference tag depth, unless otherwise noted.

² MPCF - Measurement Point Correction Factor

APPENDIX D - REFERENCE TAG DEPTHS

| Well # | ¹ Reference Tag Depth from TOC | Used Calculated Constructed Depth | ² MPCF |
|--------|---|--|-------------------|
| GW-221 | 159.34 | | 0.16 |
| GW-223 | 93.57 | | 0.20 |
| GW-225 | 203.30 | | |
| GW-226 | 58.47 | | 0.17 |
| GW-230 | 409.48 | | 0.25 |
| GW-231 | 37.70 | | 0.20 |
| GW-232 | 412.88 | | 0.17 |
| GW-240 | 32.55 | | |
| GW-241 | 98.23 | | |
| GW-243 | 76.30 | | 0.20 |
| GW-244 | 77.30 | | |
| GW-245 | 73.87 | | |
| GW-246 | 76.50 | | |
| GW-247 | 76.50 | | |
| GW-251 | 50.04 | | |
| GW-253 | 50.51 | | 0.25 |
| GW-257 | 36.63 | | |
| GW-274 | 36.12 | | 0.17 |
| GW-275 | 68.47 | | 0.17 |
| GW-276 | 21.34 | | 0.30 |
| GW-289 | 43.14 | | 0.26 |
| GW-291 | 19.92 | | 0.20 |
| GW-301 | 165.23 | | 0.17 |
| GW-302 | 138.23 | | 0.17 |
| GW-311 | 43.64 | | 0.17 |
| GW-315 | 105.98 | | 0.17 |
| GW-339 | 116.92 | | 0.24 |
| GW-363 | 77.27 | | 0.17 |
| GW-364 | 62.86 | | |
| GW-365 | 152.49 | | |
| GW-381 | 61.01 | | |
| GW-382 | 173.20 | | |
| GW-383 | 26.54 | | 0.27 |
| GW-514 | 197.13 | | |
| GW-521 | 136.70 | | 0.20 |
| GW-526 | 123.80 | | 0.80 |
| GW-537 | 27.35 | | 0.17 |
| GW-557 | 136.07 | | 0.20 |
| GW-569 | 113.14 | | |
| GW-605 | 42.00 | | 0.18 |
| GW-606 | 174.36 | | 0.20 |
| GW-608 | 219.80 | | 0.80 |
| GW-609 | 268.80 | | 0.20 |
| GW-612 | 256.28 | | |
| GW-615 | 246.84 | | 0.80 |
| GW-616 | 270.59 | | |
| GW-618 | 38.30 | | 0.20 |

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APPENDIX D - REFERENCE TAG DEPTHS

| Well # | ¹ Reference Tag Depth from TOC | Used Calculated Constructed Depth | ² MPCF |
|--------|---|-----------------------------------|-------------------|
| GW-620 | 77.91 | | 0.23 |
| GW-627 | 270.96 | | 0.66 |
| GW-639 | 129.64 | | |
| GW-653 | 41.53 | | 0.24 |
| GW-656 | 20.60 | | |
| GW-683 | 199.83 | | 0.17 |
| GW-684 | 132.21 | | 0.17 |
| GW-685 | 141.83 | | 0.78 |
| GW-695 | 65.28 | | 0.17 |
| GW-698 | 74.88 | | |
| GW-703 | 185.29 | | 0.60 |
| GW-704 | 258.65 | | 0.60 |
| GW-706 | 185.79 | | 0.80 |
| GW-712 | 460.53 | | 0.80 |
| GW-713 | 318.39 | | 0.80 |
| GW-714 | 146.90 | | 0.80 |
| GW-715 | 45.96 | | 0.20 |
| GW-722 | 642.68 | | |
| GW-724 | 293.60 | | 0.48 |
| GW-725 | 145.42 | | 0.58 |
| GW-731 | 178.53 | | 0.11 |
| GW-732 | 192.84 | | 0.20 |
| GW-733 | 259.93 | | 0.80 |
| GW-735 | 81.81 | | 0.18 |
| GW-738 | 91.78 | | |
| GW-740 | 192.67 | | 0.70 |
| GW-744 | 69.28 | | 0.17 |
| GW-747 | 82.33 | | 0.18 |
| GW-750 | 75.49 | | 0.17 |
| GW-762 | 62.04 | | |
| GW-763 | 20.41 | | 0.18 |
| GW-769 | 62.73 | | 0.17 |
| GW-770 | 21.68 | | 0.17 |
| GW-771 | 56.95 | | |
| GW-772 | 18.81 | | |
| GW-782 | 38.23 | | 0.17 |
| GW-784 | 66.60 | | |
| GW-785 | 26.70 | | |
| GW-789 | 25.38 | | 0.19 |
| GW-796 | 139.82 | | 0.20 |
| GW-798 | 134.00 | | 0.20 |
| GW-799 | 97.58 | | 0.20 |
| GW-801 | 190.92 | | 0.20 |
| GW-816 | 17.99 | | 0.21 |
| GW-829 | 118.68 | | 0.17 |
| GW-831 | 198.06 | | 0.20 |
| GW-832 | 10.36 | | |

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² MPCF - Measurement Point Correction Factor

APPENDIX D - REFERENCE TAG DEPTHS

| Well # | ¹ Reference Tag Depth from TOC | Used Calculated Constructed Depth | ² MPCF |
|--------|---|--|-------------------|
| GW-835 | 19.20 | | |
| GW-841 | 10.30 | | |
| GW-842 | 28.00 | | |
| GW-843 | 69.80 | | |
| GW-844 | 180.10 | | |

¹ Tag depths from the CY 1997 and 2000 inspections were used in selecting the reference tag depth, unless otherwise noted.

² MPCF - Measurement Point Correction Factor

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